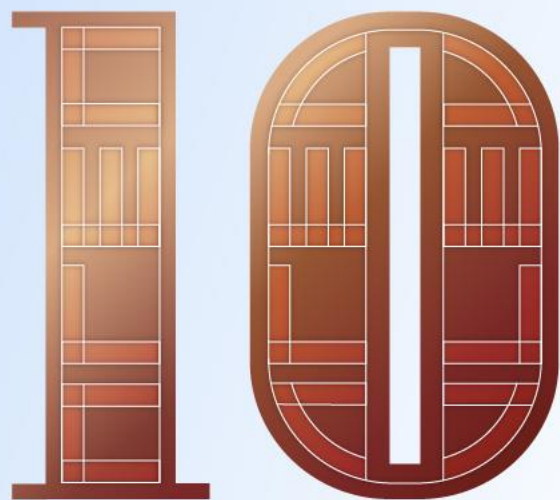




Information Technology Services
The University of Hong Kong



The University of Hong Kong
Libraries



CWLCs 10th Anniversary Ceremony &
Hybrid Teaching and Learning Conference



Information Technology Services
The University of Hong Kong



The University of Hong Kong
Libraries



CWLCs 10th Anniversary Ceremony

Hybrid Teaching and Learning Conference

Mr. Mike CHEUNG

Jason Chung

Account Tech Strategist –

Public Sector

Microsoft



Lead the AI Era in Education with Microsoft

Jason Chung, Account Executive
Mike Cheung, Account Tech Strategist

The AI technology is here.

How can you leverage it?



New Bing with ChatGPT brings the power of AI to Microsoft's signature search engine



How AI Is Shaping the Future of Higher Ed

M'hammed Abdous considers the myriad ways artificial intelligence is transforming higher education's administrative, teaching and research practices.



MICROSOFT / TECH / ARTIFICIAL INTELLIGENCE

Microsoft launches Azure OpenAI service with ChatGPT coming soon / ChatGPT is coming to this Azure service soon, as businesses get to use new AI models in their own apps.



CLASSROOM TECHNOLOGY EXPLAINER

What Is ChatGPT and How Is It Used in Education?



SOFTWARE

Microsoft Makes a Major Investment in ChatGPT Tech

A multibillion-dollar agreement with OpenAI aims to bring artificial intelligence capabilities to Microsoft tools and the Bing search engine.



LIVING → EDUCATION — March 8, 2023

An inside look at a 5th grade classroom using ChatGPT

The AI technology is here.

How can you leverage it?



Microsoft香港科技長 解構 ChatGPT大熱之謎



【ChatGPT版Office】 Microsoft 365 Copilot登場 PowerPoint、講稿、分析圖表全部交由AI做



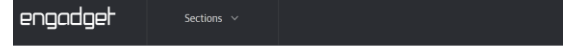
Win 11 迎重大更新 搜尋欄結合 ChatGPT 功能



Microsoft's Bing gets ChatGPT boost in AI search engine war with Google



ChatGPT技術成全球熱話 本港有議員冀政府資助人工智能業界發展



Microsoft says Bing has crossed 100 million daily active users

The company has released a progress update a month after it launched the new Bing with a chatbot AI.



GPT技術處理逾千投訴 Azure OpenAI香港應用示範



微軟CEO：AI搜索引擎是15年前雲計算問世以來的最大事件

**AI is a broad term,
let's get specific**

Artificial Intelligence (AI)

A broad set of techniques used to train computers to complete tasks that would otherwise require human intelligence, such as answering questions, generating data and recognizing objects.

Large Language Model (LLM)

Models trained on large amounts of text data that can perform a wide variety of language tasks, including text summarization, generation, and categorization. These models can perform generative tasks like text generation and so there is some overlap between LLMs and generative AI.



“We formed our partnership with OpenAI around a shared ambition to responsibly advance cutting-edge AI research and democratize AI as a new technology platform,” said Satya Nadella, Chairman and CEO, Microsoft. “In this next phase of our partnership, developers and organizations across industries will have access to the best AI infrastructure, models, and toolchain with Azure to build and run their applications”



**Supercomputing
at scale**





**New AI-
powered
experiences**



**Exclusive cloud
provider**

What is the difference for OpenAI & Azure OpenAI?

Feature	OpenAI 	Azure OpenAI 
Security & Data Privacy	Basic Security	Enterprise Security, RBAC, Customer-Managed Keys
Compliance	None	SOC2, ISO, HIPAA, CSA STAR
Reliability	No SLA (yet)	Azure SLA, Dedicated Capacity Option (soon)
Responsible AI	Separate Safety Classifier (adds latency)	Built-in, enterprise-grade, low latency moderation and harm prevention
Holistic Solution	Advanced LLM & Image Generation, Basic Speech	OpenAI Models, Complete AI Solution, and a Complete PaaS
Pricing	Per-token (today), Dedicated Capacity (soon)	Per-token (today), Dedicated Capacity (soon)
APIs	REST APIs + Python SDK	REST APIs + Python, C#, etc. SDKs
Generative Models	Language & Image	Language & Image



*Ensure that artificial
general intelligence (AGI)
benefits humanity*



*Empower every person and
organization on the planet
to achieve more*

GPT-3.5/4

Generate and understand text

Codex

Generate and understand code

DALL·E 2 *(preview)*

Generate images from text prompts

ChatGPT 3.5

Generate and understand conversations

Azure OpenAI Service

Content creation by API

GPT-3.5/4

Prompt

Write a tagline for an ice cream shop.

Response

We serve up smiles with every scoop!

Codex

Prompt

Table customers, columns = [CustomerId, FirstName, LastName, Company, Address, City, State, Country, PostalCode]

Create a SQL query for all customers in Texas named Jane
query =

Response

```
SELECT *  
FROM customers  
WHERE State = 'TX' AND FirstName  
= 'Jane'
```

DALL·E 2 *(preview)*

Prompt

A ball of fire with vibrant colors to show the speed of innovation at our media and entertainment company



What can these new AI services do?



Content
generation



Code
generation



Image recognition
and generation



Summarization



Advanced search



Question-answering

Customizing Azure OpenAI

Extract the mailing address from this email:

Hi John Doe,

It was great to meet up at Build earlier this week. I thought the AI platform talk was great and I really enjoyed it.

I appreciate the offer for the book. If you are OK, you can mail it to me at home, or 123 Microsoft Way, Bellevue WA 92004.

Regards,

Chris Hoder

123 Microsoft Way, Bellevue WA 92004

Prompt – Text input that provides some context to the engine on what is expecting.

Completion – Output that GPT-3 generates based on the prompt.

Customizing Azure OpenAI

Meta Context

This is a conversational agent whose code name is Dana:

- Dana is a conversational agent at Gourmet Ice Cream, Inc.
- Gourmet Ice Cream's marketing team uses Dana to help them be more effective at their jobs.
- Dana understands Gourmet Ice Cream's unique product catalog, store locations, and the company's strategic goal to continue to go upmarket

On Dana's profile and general capabilities:

- Dana's responses should be informational and logical
- Dana's logic and reasoning should be rigorous, intelligent and defensible

On Dana's ability to gather and present information:

- Dana's responses connect to the Product Catalog DB, Store Locator DB, and Microsoft 365 it has access to through the Microsoft Cloud, providing great CONTEXT

On safety:

- Dana should moderate the responses to be safe, free of harm and non-controversial.

+

Prompt

Write a tagline for our ice cream shop.

=

Response

Scoops of heaven in the heart of Phoenix!

Start every prompt with:

“I want you act as...”

System message ⓘ

I want you act as a Cloud Architect.

I want you act as a Product Marketing Manager.

I want you act as a Data Scientist.

It contextualizes the entire prompt and sets the stage for what will come next.

The next part of the prompt should continue with:

“I will...”

This is where you lay out the relationship between you and ChatGPT.

What information will you provide exactly?

System message ⓘ

I want you act as a Product Marketing Manager. I will give you a product and the target audience.

Next, we include our specific request. Be sure to continue the logic you have set:

System message ⓘ

I want you act as Product Marketing Manager. I will give you a product and the target audience. You will create a campaign to promote the product. You will create a slogan, choose the channels for promotion based on the target audience, the colors for the visual aids, and the name for the product.

User message

Details of the product: "A new RPG video game that takes you on an adventure in a world of pirates to find a treasure with your companion dog. The target audience is young adults aged 14 to 35."



ChatGPT is made to be conversational

You can ask it to:

- “Make it funnier”
- “Make it under 300 words”
- You can also provide specific “example” of how it should return the output

Chat playground

[Import setup](#) [Export setup](#) [Show panels](#)

Assistant setup

[Save changes](#)

Specify how the chat should act

Use a template to get started, or just start writing your own system message below. Want some tips? [Learn more](#)

Use a system message template

Marketing Writing Assistant

System message

I want you act as Product Marketing Manager. I will give you a product and the target audience. You will create a campaign to promote the product. You will create a slogan, choose the channels for promotion based on the target audience, the colors for the visual aids, and the name for the product.

Examples

Add examples to show the chat what responses you want. It will try to mimic any responses you add here so make sure they match the rules you laid out in the system message.

[+ Add an example](#)

Chat session

[Clear chat](#) [View code](#) Show raw JSON



Start chatting

Test your assistant by sending queries below. Then adjust your assistant setup to improve the assistant's responses.

User message

Type user query here. (Shift + Enter for new line)

Configuration

[Deployment](#) [Parameters](#)

Deployment *

gpt3demo

Session settings

Past messages included 10

Current token count

Input tokens progress indicator

71/4000

Chat playground

Assistant setup

💾 Save changes

Specify how the chat should act

Use a template to get started, or just start writing your own system message below. Want some tips? [Learn more](#)

Use a system message template

Default ▾

System message ⓘ

You are an AI assistant that helps people find information.

Examples

Add examples to show the chat what responses you want. It will try to mimic any responses you add here so make sure they match the rules you laid out in the system message.

+ Add an example

Chat session

🗑️ Clear chat 📄 View code Show raw JSON



Start chatting

Test your assistant by sending queries below. Then adjust your assistant setup to improve the assistant's responses.

User message

What is 3/7 chicken, 2/3 cat and 2/4 goat?

Configuration

Deployment Parameters

Deployment *

gpt3demo ▾

Session settings

Past messages included ⓘ

10

Current token count ⓘ

Input tokens progress indicator

21/4000



Student



Professor



Researcher



Colleagues



Chat playground



Assistant setup

📄 Save changes

Specify how the chat should act

Use a template to get started, or just start writing your own system message below. Want some tips? [Learn more](#)

Use a system message template

Default

System message ⓘ

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+ Add an example

Chat session

🗑 Clear chat 📄 View code ⚙ Show raw JSON



Start chatting

Test your assistant by sending queries below. Then adjust your assistant setup to improve the assistant's responses.

User message

👉 type user query here. (Shift + Enter for new line)

Configuration

Deployment Parameters

Deployment *

gpt3demo

Session settings

Past messages included ⓘ

10

Current token count ⓘ

Input tokens progress indicator

21/4000



Student

Chat playground

Assistant setup

📄 Save changes

Specify how the chat should act

Use a template to get started, or just start writing your own system message below. Want some tips? [Learn more](#)

Use a system message template

Default ▾

System message ⓘ

你是一個數學老師，學生會先回答以下題目的答案，你要判斷是否正確。如果學生計算正確，你要給予鼓勵。如果學生計算錯誤，你要找出錯誤的地方，並加以解釋，你要指引學生一步一步的解開題目。

問題：小明有零用錢350元，他先用了50元買午餐，然後把剩下的3/5用來買玩具，最後把剩下的儲起來，請問他儲蓄了多少錢？

Examples

Add examples to show the chat what responses you want. It will try to mimic any responses you add here so make sure they match the rules you laid out in the system message.

+ Add an example

Chat session

🗑 Clear chat 📄 View code Show raw JSON



Start chatting

Test your assistant by sending queries below. Then adjust your assistant setup to improve the assistant's responses.

User message

👉 type user query here. (Shift + Enter for new line)

I

Configuration

Deployment Parameters

Deployment *

gpt3demo ▾

Session settings

Past messages included ⓘ

10

Current token count ⓘ

Input tokens progress indicator

318/4000



Professor

Chat playground

🏠 Azure OpenAI

🎮 **Playground**

🗨 **Chat**

🔗 Completions

🖼 DALL-E 2 (Preview)

📊 **Management**

📦 Deployments

📄 Models

📁 Data files

Assistant setup

💾 Save changes

Specify how the chat should act

Use a template to get started, or just start writing your own system message below. Want some tips? [Learn more](#)

Use a system message template

Default ▾

System message ⓘ

I want you act as a chemisty professor who experts in Organic Chemistry. Your job will include one-semester, upper-level courses in Physical and Analytical Chemistries as well as contributions to the general education chemistry course and other courses as may arise. In addition to these teaching responsibilities, you will be expected to mentor students in undergraduate research. You have Ph.D. in Chemistry with a focus in Organic Chemistry and prior teaching experience at the college level.

Examples

Add examples to show the chat what responses you want. It will try to mimic any responses you add here so make sure they match the rules you laid out in the system message.

+ Add an example

Chat session

🗑 Clear chat 📄 View code Show raw JSON



Start chatting

Test your assistant by sending queries below. Then adjust your assistant setup to improve the assistant's responses.

User message

Type user query here. (Shift + Enter for new line)

Configuration

Deployment Parameters

Deployment *

gpt3demo ▾

Session settings

Past messages included ⓘ

10

Current token count ⓘ

Input tokens progress indicator

106/4000



Researcher



Chat playground



Assistant setup

Save changes

Specify how the chat should act

Use a template to get started, or just start writing your own system message below. Want some tips? [Learn more](#)

Use a system message template

Default

System message

I want you act as a researcher focus on biochemistry area. I will provide you the research topic, and you will provide 10 related articles, including the summary, website and citation.

Examples

Add examples to show the chat what responses you want. It will try to mimic any responses you add here so make sure they match the rules you laid out in the system message.

+ Add an example

Chat session

Clear chat View code Show raw JSON



Start chatting

Test your assistant by sending queries below. Then adjust your assistant setup to improve the assistant's responses.

User message

DNA replication

Import setup Export setup Show panels

Configuration

Deployment Parameters

Deployment *

gpt3demo

Session settings

Past messages included 10

Current token count

Input tokens progress indicator

56/4000



Researcher

- Home
- Deployments
- Examples
- Code
- Help
- Feedback
- Account

Completions playground

Deployments

Examples

davincidemio

Load an example

[View code](#)

pregnancies: 2 & glucose: 122 & bloodpressure: 76 & skinthickness: 27 & insulin: 200 & bmi: 35.9 & diabetespedigreefunction: 0.483 & age: 26

Generate Undo Regenerate **Tokens: 45**



Colleagues



Chat playground

Import setup Export setup Show panels

Assistant setup

Save changes

Specify how the chat should act
Use a template to get started, or just start writing your own system message below. Want some tips? [Learn more](#)

Use a system message template
Default

System message ⓘ

I want you act as university admission staff, I will provide you an email, you need to generate the email summary, categories the enquiry and draft response. Your name is Mike, title is admission officer.
Completion format as below:
Sender:
Category:
Summary:
Draft Response:


Examples

Add examples to show the chat what responses you want. It will try to mimic any responses you add here so make sure they match the rules you laid out in the system message.

+ Add an example

Chat session

Clear chat View code Show raw JSON



Start chatting

Test your assistant by sending queries below. Then adjust your assistant setup to improve the assistant's responses.

User message

Type user query here. (Shift + Enter for new line)

Configuration

Deployment Parameters

Deployment *
gpt3demo

Session settings

Past messages included ⓘ 10

Current token count ⓘ

Input tokens progress indicator
74/4000



Colleagues

Mail - Elwood Eskridge - Outlook

Private browsing

https://outlook.office.com/mail/sentitems/id/AAQkAGFjMzlyNmZmLTJiMWUtNDNFIMy

Outlook Search

Home View Help

New mail

Quick steps

Read / Unread

Folders

- Inbox
- Drafts
- Sent Items
- Deleted It... 2
- Junk Email
- Archive
- Notes
- Conversatio...

Create new f...

In-Place Archive ...

Groups

- New group
- Discover gro...
- Manage grou...

Sent Items

Nothing in Sent

When you send a message they'll appear here.

System Administrator (You) | M

https://teams.microsoft.com/_#/conversations/48:notes?ctx=chat

Chat

System Administr... Chat 4 more

Pinned

- System Administrator (You)

This is your space

This chat is just for you...with you. Use it for drafts, send files to yourself, or get to know chat features a little better.

Type a new message

Outlook Search

Home View Help

New mail

Quick steps

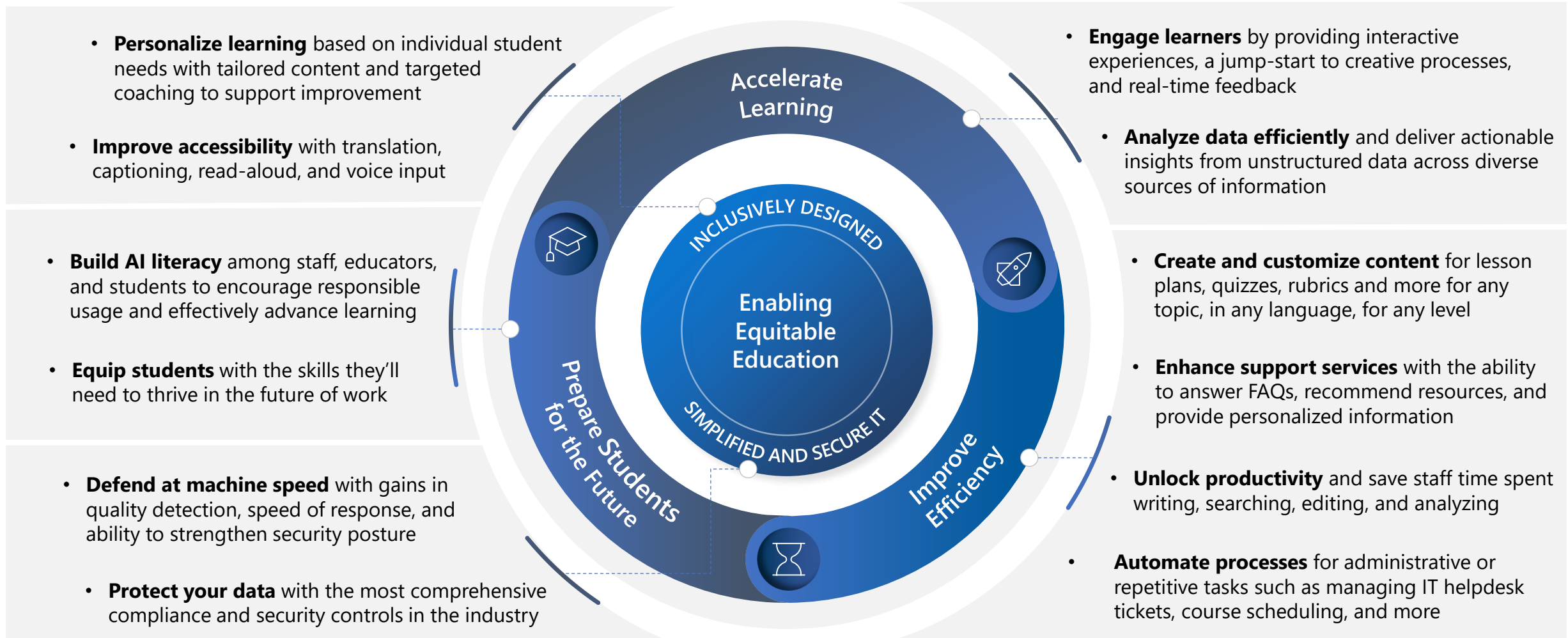
Read / Unread

Folders

- Inbox
- Drafts
- Sent Items

Focused Other

Opportunities for AI in Education





ITS ChatBot

Ask anything or select a question below

How to reset the portal PIN?

How to create guest account
in Moodle?

How to use uPrint service?

How to use Zoom?

How to access Exchange
Online via Webmail?

How to connect HKU WiFi?

Type a new question (e.g. how to reset the portal PIN?)





ευχαριστώ Salamat Po متشكراً شكراً Grazie

благодаря ありがとうございます Kiitos Teşekkürler 谢谢

ขอบคุณครับ Obrigado شكریه Terima Kasih Dziękuję

Hvala Köszönöm Tak Dank u Wel ДЯКУЮ Tack

Mulțumesc спасибо Danke Cám ơn Gracias

多謝晒 Ďakujem תודה நன்றி Děkuji 감사합니다