



E3TEC001W-2

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# Technology Workshop (Level III): Building Your Own Personal Virtual Assistant

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```
'who is' in command:
person = command.replace('who is', '')
info = wikipedia.summary(person, 1)
print(info)
talk(info)
```

sir, I tried, it worked for anson lo

%w	Weekday as a number 0- 3 6, 0 is Sunday	
%d	Day of month 01-31	31
%b	Month name, short version	Dec
%B	Month name, full version	December

Run result:

Asking: "name you set, what is the current time "

Task 1: hear "Today"  
August 15 Monday

```
C:\Users\cueevisit\Anaconda3\envs\VisualAssitant\python.exe
Assistant is listening...
Peter tell me the current time
tell me the current time
tell me the current time
Assistant is listening...
```

```
C:\Users\cueevisit\Anaconda3\envs\VirtualAss
OBAMA is listening...
obama please tell me a joke
Got it
what do you call a preset that says 'Squawk!'
```

**Application Deadline**  
**5 Jun 2023 12:00 noon**

**Result Release**  
**16 Jun 2023**

## Intended Learning Outcomes

Upon completion of the programme, participants should be able to:

1. use voice to control the operation of personal virtual assistant;
2. design and create basic application on voice recognition and system controlling;
3. develop an open and creative mindset for innovative technologies.



## ◆ Introduction

Do you think the Siri & Google assistant cannot suit you well? Why don't you build your own personal virtual assistant? This workshop provides an intensive hands-on practice to the personal virtual assistant creation. Voice recognition or interaction with user interface will be covered to facilitate the routine works commanded by your own requests.

## ◆ Schedule

Session	Date	Time	Venue
1	19 Jul 2023 (Wednesday)	2:00 p.m. – 4:30 p.m. (Please arrive at 1:45 p.m. for registration)	Room 231, Ho Sin-Hang Engineering Building, The Chinese University of Hong Kong ( <a href="#">MAP</a> )

## ◆ Target Participants

- S3 – S6 HKAGE student members in 2022/23 school year
- Class size: 25
- Student members would be selected randomly by the computer system. The decision of HKAGE on the result of the selection should be final.

## ◆ Pre-requisite

- Experience in computer programming is preferred, although it is not a must.
- Students are encouraged to bring their own laptops for the largest benefits from the workshop. For students without laptops, the instructor will provide laptops for them.
- The student has security right to install software onto the laptop brought along.

## ◆ Medium of Instruction

Cantonese with English handouts

## ◆ Certificate

E-Certificate will be awarded to participants who have:

- attended the session; AND
- completed all the assignments with satisfactory performance.