



E3TEC001W

(Token- required)

# 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<br>6, 0 is Sunday |
| %d | Day of month 01-31 31                      |
| %b | Month name, short<br>version Dec           |
| %B | Month name, full version<br>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<br>(Wednesday) | 10:00 a.m. – 12:30 p.m.<br>(Please arrive at 9:45 a.m.<br>for registration) | Room 231, Ho Sin-Hang<br>Engineering Building, The Chinese<br>University of Hong Kong<br>( <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

English with English handouts

## ◆ Certificate

E-Certificate will be awarded to participants who have:

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