Python Voice Assistant

```
                    speaking              listen                              → open browser
import: pyttsx3, speech_recognition as sr, datetime, webbrowser, os
pywhatkit, yfinance as yf, pyjokes
  ↓              ↓                    ↓
utube          stocks              jokes
```

```python
# listen to microphone and return it as text
def audio_2_text():
    rec= sr.Recognizer()
    with sr.Microphone() as mic:
        rec.pause_threshold = 0.8
        said =rec.lisen(mic)
        try:
                                                    the language
            print("I am listening")
            text= rec.recgnize_google(said, language=en)      # audio → txt
            return text
        except sr.UnknownValueError:
            print("I don't understand")
            return "it wasn't clear, try again"
        except sr.RequestError:
            print("the service is down")
            return None
        except:
            return None


def pc_say(message):
    engine= pyttsx3.init()                    # initiante an engine
    engine.say(message)
    engine.runAndWait()


def print_languages_installed():
    engine= pyttsx3.init()
    for voice in engine.getProperty('voices'):
        print(voice)
```

```python
def set_voice_lang(id):
    engine.setProperty('voice', id)
```

for the id   I need to
call print_languages_installed
method, there I will find
the id

```python
def what_day():
    now = datetime.date.now()
    week_day = now.strftime('%A')
    pc_say(week_day)
```