

Don't Buy Alexa.

Build Your Own

Using





MODULES NEEDED

- To speak out, or text to speech pip install pyttsx3
- For the robot to listen to our voice speech pip install speech Recognition
- For advance control on browser pip install pywhatkit
- To get wikipedia data pip install wikipedia
- To get funny jokes pip install pyjokes



CODE 1

```
1 import speech_recognition as sr
2 import pyttsx3
3 import pywhatkit
4 import datetime
5 import wikipedia
6 import pyjokes
7
8 listener = sr.Recognizer()
9 engine = pyttsx3.init()
10 voices = engine.getProperty('voices')
11 engine.setProperty('voice', voices[1].id)
12
13
14 def talk(text):
15     engine.say(text)
16     engine.runAndWait()
```

CODE 2

```
1 def take_command():
2     try:
3         talk(info)
4     def take_command():
5         try:
6             with sr.Microphone() as source:
7                 print ('listening ... ')
8                 voice = listener.listen (source)
9                 command = listener.recognize_google (voice)
10                command = command.lower ()
11                if 'alexa' in command:
12                    command = command.replace('alexa', '')
13                print (command)
14            except:
15                pass
16            return command
```

CODE 3

```
1 def run_alexa():
2     command = take_command()
3     print(command)
4     if 'play' in command:
5         song = command.replace('play', '')
6         talk('playing ' + song)
7         pywhatkit.playonyt(song)
8     elif 'time' in command:
9         time = datetime.datetime.now().strftime('%I:%M %p')
10        talk('Current time is ' + time)
11    elif 'who the heck is' in command:
12        person = command.replace('who the heck is' '')
13        info = wikipedia.summary(person, 1)
14        print(info)
15        talk(info)
16    elif 'date' in command:
17        talk('sorry, I have a headache')
18    elif 'are you single' in command:
19        talk('I am in a relationship with wifi')
20    elif 'joke' in command:
21        talk(pyjokes.get_joke())
22    else:
23        talk('Please say the command again.')
24
25
26 while True:
27     run_alexa()
28
```



OUTPUT

Listening

Recognising

the command is printed= which day it is

Monday

Listening

Recognizing



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