

Name : Pranav Patil
Student ID : 202001055

IT-314 Lab-5

1) Code :

```
352         # NPPR9-FWDCX-D2C8J-H872K-2YT43
353         elif "jarvis" in query:
354
355             wishMe()
356             speak("Jarvis 1 point o in your service Mister")
357             speak(assname)
358
```

Error:

```
PS C:\Users\student\Desktop\vs> py -m pylint .\voiceassistant.py
***** Module voiceassistant
voiceassistant.py:350:6: E0001: Parsing failed: 'expected an indented block after 'if' statement on line 349 (<unknown>, line 350)' (syntax-error)
```

Git Repository link:

<https://github.com/ravikumarrproject/projects-python/blob/main/Voice%20Assistant%20using%20python>

Type of error :

- Indentation error - (true error)

2)Code :

```
4
5
6     user_id=input('Enter User Id of your Fb Account :') # Take user id and password as input from the user
7     password=input('Enter the password :')
8
9     print(user_id)
10
11
12
13
14
15
16     browser.get('https://www.facebook.com/')
17
18
19     user_box = browser.find_element_by_id("email") # For detecting the user id box
20     user_box.send_keys(user_id) # Enter the user id in the box
21
22     password_box = browser.find_element_by_id("pass") # For detecting the password box
23     password_box.send_keys(password) # For detecting the password in the box
24
25     login_box = browser.find_element_by_id("u_0_b") # For detecting the Login button
```

```

38 message= "Happy Birthday !!"
39 browser.get('https://www.facebook.com/events/birthdays/')
40 #time.sleep(3)
41
42 bday_list=browser.find_elements_by_xpath("//*[@class ='enter_submit uiTextareaNoResize uiTextareaAutogrow uiStreamInlineTextarea inlineReplyTextArea mentionsTextarea textInput']")
43
44 c=0
45 for element in bday_list:
46     element_id = str(element.get_attribute('id'))
47     XPATH = '//*[@id ="' + element_id + '"'
48     post = browser.find_element_by_xpath(XPATH) #To fetch the box where to enter text
49     post.send_keys("Happy Birthday, Best wishes.") # To enter the bday wish
50     #time.sleep(1)
51
52     post.send_keys("Happy Birthday, Best wishes.") # To enter the bday wish
53     #time.sleep(1)
54     post.send_keys(Keys.RETURN) #To send the wish
55     c=c+1
56     if(c>num): # This prevents putting wishes for belated birthday
57         break
58
59 browser.quit()

```

Errors:

```

FB_birthday_bot.py:20:104: C0303: Trailing whitespace (trailing-whitespace)
FB_birthday_bot.py:20:0: C0301: Line too long (104/100) (line-too-long)
FB_birthday_bot.py:23:0: C0301: Line too long (113/100) (line-too-long)
FB_birthday_bot.py:39:57: C0303: Trailing whitespace (trailing-whitespace)
FB_birthday_bot.py:42:179: C0303: Trailing whitespace (trailing-whitespace)
FB_birthday_bot.py:42:0: C0301: Line too long (179/100) (line-too-long)
FB_birthday_bot.py:45:25: C0303: Trailing whitespace (trailing-whitespace)
FB_birthday_bot.py:46:49: C0303: Trailing whitespace (trailing-whitespace)
FB_birthday_bot.py:53:0: C0325: Unnecessary parens after 'if' keyword (superfluous-parens)
FB_birthday_bot.py:56:0: C0304: Final newline missing (missing-final-newline)
FB_birthday_bot.py:1:0: C0114: Missing module docstring (missing-module-docstring)
FB_birthday_bot.py:1:0: C0103: Module name "FB_birthday_bot" doesn't conform to snake_case naming style (invalid-name)
FB_birthday_bot.py:1:0: E0401: Unable to import 'selenium' (import-error)
FB_birthday_bot.py:3:0: E0401: Unable to import 'selenium.webdriver.common.keys' (import-error)
FB_birthday_bot.py:12:0: C0103: Constant name "cd" doesn't conform to UPPER_CASE naming style (invalid-name)
FB_birthday_bot.py:38:0: C0103: Constant name "message" doesn't conform to UPPER_CASE naming style (invalid-name)
FB_birthday_bot.py:44:0: C0103: Constant name "c" doesn't conform to UPPER_CASE naming style (invalid-name)
FB_birthday_bot.py:46:4: C0103: Constant name "element_id" doesn't conform to UPPER_CASE naming style (invalid-name)
FB_birthday_bot.py:52:4: C0103: Constant name "c" doesn't conform to UPPER_CASE naming style (invalid-name)
FB_birthday_bot.py:2:0: C0411: standard import "import time" should be placed before "from selenium import webdriver" (wrong-import-order)

```

Error Types :

- **trailing -whitespace** true error
- **Line-too-long** true error
- **Superfluous-parens** true error
- **Missing-final-newline** true error
- **Missing-module-docstring** Maybe because we didn't import the modules
- **Invalid-name** given because the naming style isn't followed

- **Wrong-import-order** (because we didn't import the required modules)
- **Import error** (because we didn't import the required modules)

Git Repository link:

https://github.com/garimasingh128/awesome-python-projects/blob/master/Facebook%20Birthday%20Bot/Project%20_FB%20birthday%20bot.py

3)code:

```
28
29     nn.Linear.reset_parameters = _reset_parameters_linear
30
31     return model
32
33 def load_decentralized_checkpoint(model, checkpoint_path, n_stages=2, n_layer_per_stage=14):
34     input_path = checkpoint_path
35
36     assert n_stages * n_layer_per_stage >= len(model.gpt_neox.layers)
37     # assert model.lm_head.weight.data is not model.transformer.wte.weight.data
38
39     for i in range(n_stages):
```

error:

```
FB_birthday_bot.py:46:85: W1309: Using an f-string that does not have any interpolated variables (f-string-without-interpolation)
FB_birthday_bot.py:33:0: R0912: Too many branches (13/12) (too-many-branches)
```

Error Types :

- **Too-many-branches**
(false positive error the error is only there when we check it using pylint tool)

Git Repository link:

https://github.com/togethercomputer/OpenChatKit/blob/main/tools/convert_to_hf_gptneox.py

4)

```
return len

# if not, make substrings and repeat
newLevel = Boolean condition 'c == '(' or ')'' will always evaluate to
for s in le ''')' Pylint(R1727:condition-evals-to-constant)
    for i,c No quick fixes available
        if c == '(' or ')':
            newLevel.add(s[0:i] + s[i+1:len(s)])
    level = newLevel
```

False error as the code works perfectly fine for all the test cases in Manual testing.