Report on

Joy of Programming using Python

Submitted for Summer Internship Project

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AJAY KUMAR GARG ENGINEERING COLLEGE 2020-21

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Project: PYTHON WEBSITE BLOCKER

Abstract: In present day scenario, Distractions are more than the motivations. They are also an obstacle to online education. Students who are taking online classes, are more exposed to distractions than in-person classes. This is a situation which affects their adacemics as well as mental health. So in order to reduce those disturbances, we need some methods or program which acts as a blocker so that everyone who is using internet can mind his/her business peacefully. These codes will help us in the long run.

Methodology is very simple as soon as the user enters details, it will start removing advertisements and recommended websites.

Conclusion to that one can focus on one's work.

Input format:

iliput loilliat

The first line of input is a conditional statement.

Output format:

The user-defined websites will be blocked.

Example:

Input:

- 1. choose 1 or 2.
- 2. Enter username.

- 3. Enter password.
- 4. Enter websites that you want to be blocked.

Output:

- 1.1
- 2. Abhinav
- 3. Assassin
- 4. www.pubgm.com

Access granted

SOLUTION:-Code:-

```
if site in websites:
    if site in content:
    pass

else:
    file_write(redirect+" "+site+"\n")

else:
    file_gopen(hostPath_'r+')
    content_file.readlines()
    file.seek(a)

for line in content:
    if not any(site in line for site in websites):
    file.write(line)
    file.write(line)
    file.write(line)
    file.runcate()
    print_("Allowed access!")
    time.sleep(s)

time.sleep(s)

vuser_sinput("Please enter the username")
    password_input("Please enter the password")

user = user + ".txt"
    print("Password entered is "_password)
    password_suser

with open(User_"r+") as web:
    byweb.read()

for i in b:
    if(i=e=""on i=="\n"):
        break
        password! = password! + i
    websites[]

if (hoice==1) | with open(User, W+) as web | for site in websites
```

Test Case 1:-

```
| Die Edit Yew Narigate Code Britator Run Iools VS Wordow Bello python project projecting Projectin
```

Test Case 2:

```
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```

Test Case 3:

```
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Test Case 4:

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```

Test Case 5:

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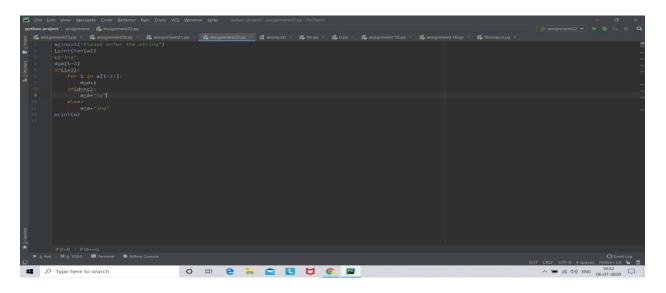
| Project Project Couption project | Signature Couption | Signature Coupt
```

Test Case 6:

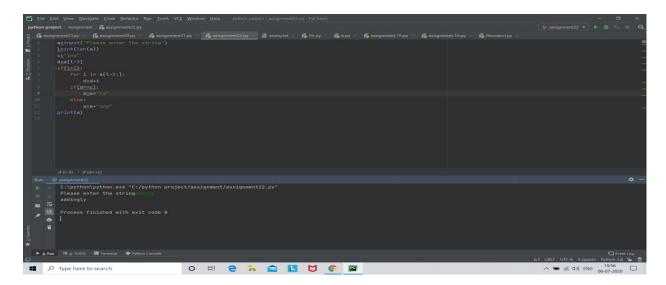
<u>Assignment - 22</u>

Que: Write a Python Program to add 'ing' at the end of a given string (length should be at least 3). If the given string already ends with 'ing' then add 'iy' instead. If the string length of the given is less than 3,leave it unchanged.

Code:



Test Case:

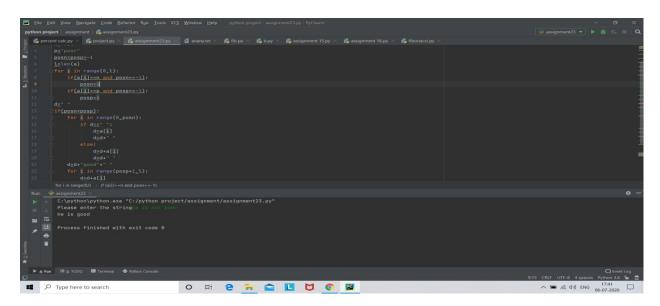


Assignment - 23

Que: Write a Python Program to find the first appearance of the substring 'not' and 'poor' from a given string, if 'not' follows the 'poor', replace the whole 'not'... 'poor' substring with 'good'. Return the resulting string.

Code:

Test Case:



Assignment - 24

Que: Write a Python function that takes a list of words and returns the length of the longest one.

Code:

```
| def fun(a):
| lelen(a)
| maxelen(a[0])
| for i in renge(i_i):
| lelen(a[i])
| i'(li=max):
| maxell
| return max
| al=ai.splif("")
| print(fun(al))
| 12
```

Test Case:

