

Batch: A2 Roll No.: 16010121045

Experiment / assignment / tutorial No.

Grade: AA / AB / BB / BC / CC / CD / DD

Signature of the Staff In-charge with date

TITLE: Python Regex

AIM: Write a python program to find the occurrences and position of the substrings within a string.

Implementation details:

```
import re
str=input("Enter the string: ")
sub=input("Enter the substring to find: ")
match=re.finditer(sub,str) #This gives us the iterator
for i in match: #we iterate through the loop using for each
    print("The substring is found at",i.start(),i.end())
    #printing the start and end index of the matched character
```

Output:

```
pargatsinghdhanjal@Pargats-MacBook-
ktop/Code-work/Python Experiments/R
Enter the string: Hello There!
Enter the substring to find: e
The substring is found at 1 2
The substring is found at 8 9
The substring is found at 10 11
```