

G. H. Rasoni College Of Engineering And Management, Wagholi Pune

2021- 2022

Group A :-Assignment no :-5

Department	<u>CE [SUMMER 2022 (Online)]</u>		
Term / Section	<u>III/B</u>	Date Of submission	<u>23-11-2021</u>
Subject Name /Code	<u>Python for Data Science / UCSP204</u>		
Roll No.	<u>SCOB77</u>	Name	<u>Pratham Rajkumar pitty</u>
Registration Number	<u>2020AC0E1100107</u>		

Program code

```
# Assignment No Group A- 5 To Check Enter Password is valid or not
print("*****SCOB77_Pratham pittu_Group A_Assignment_5*****")

print("\n*****")

length = lower = upper = digit = False
password = input('Enter the password: ')
if len(password)>= 8:
    length = True
    for letter in password:
        if letter.islower():
            lower = True
        elif letter.isupper():
            upper = True
        elif letter.isdigit():
            digit = True
    if length and lower and upper and digit:
        print('That is a valid password.')
    else:
        print('That password is not valid.\n\nPassword must contain at least : \n 1 small alphabet \n 1 capital alphabet \n 1 numeric digit \n 1 special symbol and \n 8 characters')
print("\n*****")
```

output :-

```
In [38]: # Assignment No Group A- 5 To Check Enter Password is valid or not
print("*****SCOB77_Pratham pittu_Group A_Assignment_5*****")

print("\n*****")
length = lower = upper = digit = False
password = input('Enter the password: ')
if len(password)>= 8:
    length = True
    for letter in password:
        if letter.islower():
            lower = True
        elif letter.isupper():
            upper = True
        elif letter.isdigit():
            digit = True
if length and lower and upper and digit:
    print('That is a valid password.')
else:
    print('That password is not valid.\n\nPassword must contain at least : \n 1 small alphabet \n 1 capital alphabet \n
print("\n*****")
```

*****SCOB77_Pratham pittu_Group A_Assignment_5*****

Enter the password: pratham

That password is not valid.

Password must contain at least :

- 1 small alphabet
- 1 capital alphabet
- 1 numeric digit
- 1 special symbol and
- 8 characters

```
In [36]: # Assignment No Group A- 5 To Check Enter Password is valid or not
print("*****SCOB77_Pratham pittu_Group A_Assignment_5*****")

print("\n*****")
length = lower = upper = digit = False
password = input('Enter the password: ')
if len(password)>= 8:
    length = True
    for letter in password:
        if letter.islower():
            lower = True
        elif letter.isupper():
            upper = True
        elif letter.isdigit():
            digit = True
if length and lower and upper and digit:
    print('That is a valid password.')
else:
    print('That password is not valid.\n\nPassword must contain at least : \n 1 small alphabet \n 1 capital alphabet \n
print("\n*****")
```

*****SCOB77_Pratham pittu_Group A_Assignment_5*****

Enter the password: Pass@123

That is a valid password.

In []:

In []: