

```

1
2 # PPL Lab Assignment 1, PG43 Jaynam Modi, G3
3
4
5 # 1.Implement program in python for collecting 4 subject
  marks from user and find out average it and display result
  in grades.
6 # <40: failed
7 # >40 and <50 : C grade
8 # 50 and <60 :B grade
9 # >66 and <70 :A grade
10 # >70 and < 90: A+grade
11 # >90 : Excellent grade
12
13
14 def calcGrade():
15     marks = [0,0,0,0]
16     average = 0.0
17     grade = None
18
19     print(" > Please Enter the Marks for : ")
20
21     for a in range(4):
22         marks[a] = float(input("\t> Subject {} : ".format(a+1)))
23         average = average + marks[a]
24
25     average = average/4
26
27     if average > 90.0:
28         grade = "Excellent"
29     elif average > 70.0:
30         grade = "A+"
31     elif average > 60.0:
32         grade = "A"
33     elif average > 50.0:
34         grade = "B"
35     elif average > 40.0:
36         grade = "C"
37     else:
38         grade = "Failed"
39
40     print(" > Average : {}".format(average))
41
42     print(" > Grade : {}".format(grade))
43
44 calcGrade()
45
46
47 # 2.Display the table of 5 by using for and while loop in
  Python.
48
49 x = 5
50
51 for i in range(1,11):
52     print(" > {} × {} = {}".format(x, i, x*i))
53
54 j = 11
55
56 while j <= 20:
57     print(" > {} × {} = {}".format(x, j, x*j))
58     j += 1

```



```
u0_a362@localhost:~/github$ python ppl_assignment_1.py
> Please Enter the Marks for :
    > Subject 1 : 65.4
    > Subject 2 : 75.2
    > Subject 3 : 82.9
    > Subject 4 : 98.6
> Average : 80.525
> Grade : A+
> 5 × 1 = 5
> 5 × 2 = 10
> 5 × 3 = 15
> 5 × 4 = 20
> 5 × 5 = 25
> 5 × 6 = 30
> 5 × 7 = 35
> 5 × 8 = 40
> 5 × 9 = 45
> 5 × 10 = 50
> 5 × 11 = 55
> 5 × 12 = 60
> 5 × 13 = 65
> 5 × 14 = 70
> 5 × 15 = 75
> 5 × 16 = 80
> 5 × 17 = 85
> 5 × 18 = 90
> 5 × 19 = 95
> 5 × 20 = 100
u0_a362@localhost:~/github$
```