

BPLCK105 – INTRODUCTION TO PYTHON PROGRAMMING

Manual

1. a. Develop a program to read the student details like Name, USN, and Marks in three subjects. Display the student details, total marks and percentage with suitable messages.

Program:

```
studentname = input('Enter the Name of the student: ')
usn = input('Enter the USN of the student: ')
m1 = int(input('Enter the mark in first subject: '))
m2 = int(input('Enter the mark in second subject: '))
m3 = int(input('Enter the mark in third subject: '))
total = m1+m2+m3
percentage = round((total/300)*100)

print('\nName of the Student: ', studentname)
print('USN: ', usn)
print('Mark in Subject 1: ', m1)
print('Mark in Subject 2: ', m2)
print('Mark in Subject 3: ', m3)
print('Total Score = ', total)
print('Percentage = ', percentage)

if percentage >=90:
    print('First Class Exemplary.')
elif percentage >=75 and percentage <90:
    print('First Class with Distinction.')
elif percentage >=60 and percentage <75:
    print('First Class.')
elif percentage >=35 and percentage <60:
    print('Second Class.')
else:
    print('Fail.')
```

Output:

```
Enter the Name of the student: Vinay R
Enter the USN of the student: 1HK22EC0127
Enter the mark in first subject: 90
Enter the mark in second subject: 95
Enter the mark in third subject: 99
```

```
Name of the Student: Vinay R
USN: 1HK22EC0127
Mark in Subject 1: 90
Mark in Subject 2: 95
Mark in Subject 3: 99
Total Score = 284
Percentage = 95
First Class Exemplary.
```

Python Programming Manual Quick Start

D Kirk



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