Department of Computer Science and Engineering
SRM University–AP

Python: Code2Xplore – 60 Days Challenge

Daily Submission Template

Subject: Hands on Python
Course Code: CSE205
Concerned Teacher: Dr. Yasir Afaq

Student Details

Student Name: Vishnu Mattakoyya   Register Number: AP24110011648

Section: __J___

Date of Submission: ____10/02/2026_____

GitHub Repository Link (Mandatory): https://github.com/Vishnu164321/Code_2xploer_Day3

Challenge Understanding:

   The problem statement is about the internal assessment marks , A university wants to analyze the marks by percentage ,so we need to write the code for the performance analyzer to perform all the student marks one by one from the list by using conditions , for loop and strings .

Python Program

Paste the complete Python code below:

```
--------------------------------------------------
N=int (input("Enter the number of students: "))
marks=[]
valid_count=0
fail_count=0
for i in range(N):
   marks.append(int(input("Enter the marks: ")))
for mark in marks:
   if mark >= 90 and mark <= 100:
      valid_count+=1
      print(mark,"-> Excellent")
   elif mark >= 75 and mark <= 89:
      valid_count+=1
      print(mark,"-> Very Good")
   elif mark >= 60 and mark <= 74:
      valid_count+=1
      print(mark,"-> Good")
   elif mark >= 40 and mark <= 59:
      valid_count+=1
      print(mark,"-> Average")
   elif mark >= 0 and mark <= 39:
```

```
        valid_count+=1
        fail_count+=1
        print(mark,"-> Fail")
    else:
        print(mark,"-> Invalid")

print("Total Valid students:",valid_count)
print("Total Failed students:",fail_count)
```

Test Case Verification
Verify your program using the instructor-provided test cases.
Test Case 1 Output: _

```
Enter the number of students: 5
Enter the marks: 95
Enter the marks: 82
Enter the marks: 67
Enter the marks: 45
Enter the marks: 30
95 -> Excellent
82 -> Very Good
67 -> Good
45 -> Average
30 -> Fail
Total Valid students: 5
Total Failed students: 1

Process finished with exit code 0
```

Test Case 2 Output:

```
Enter the number of students: 4
Enter the marks: 110
Enter the marks: -5
Enter the marks: 70
Enter the marks: 39
110 -> Invalid
-5 -> Invalid
70 -> Good
39 -> Fail
Total Valid students: 2
Total Failed students: 1

Process finished with exit code 0
```

Learning Outcome

I learned how to use conditional statements in loops without using built in functions .

Student Declaration

I hereby declare that this submission is my own original work. I have not copied the code from any AI tool or online source. I understand that plagiarism will result in ZERO marks.

Student Signature: Vishnu   Date: 10/02/2026

Faculty In charge:
--dryasir