

Tasks ¶

In [1]: *# Task 1:*
#1.Make a program in which user enter his total marks and obtained marks then display student is pass or
#fail.

```
totalMarks = int(input("Total Marks :"))
obtainedMarks = int(input("obtained Marks :"))

if obtainedMarks >= totalMarks /2 and obtainedMarks <= totalMarks:
    print('pass')
elif obtainedMarks < totalMarks /2 and obtainedMarks >= 0:
    print('fail')
else:
    print ('inputs are invalid')
```

```
Total Marks :100
obtained Marks :67
pass
```

In [2]: *#Task 2:*
#2. Make a calculator which suggest your grades on the behalf of marks. (Hint 80 :A, 70:B, 60:C, 50:D)

```
marks = int(input('input your marks :'))

if marks >= 80 and marks <= 100:
    print('A Grade')
elif marks >= 70 and marks < 80:
    print("B Grade")

elif marks >= 60 and marks < 70:
    print ("C Grade")

elif marks >= 50 and marks < 60:
    print ("D Grade")
elif marks < 50 and marks >= 0:
    print ("F Grade")
else:
    print ('invalid input')
```

input your marks :70
B Grade

In []:

In [4]: *#Task 3:*
#Make a program in which if single "F" comes then show total result will be "Failed"

```
result = input("Enter the result: ")

if result.count("F") or result.count("f") :
    print("Total result: Failed")
else:
    print("Total result: Passed")
```

Enter the result: 89
Total result: Passed

In [7]: *#Task 4 :
#Make a program in which if user enter obtain mark above then subject total marks then display error.*

```
totalMarks = int(input("Total Marks :"))  
obtainedMarks = int(input("obtained Marks :"))  
  
if obtainedMarks > totalMarks:  
    print('Error')  
else:  
    print('Marks entered successfully.')
```

Total Marks :19
obtained Marks :23
Error

In []:

In []: