

#09-09-2025

Take % from the user and print their result

85-100=>distinction

60-84=>first class

50-59=>second class

35-49=>pass

0-34=>fail

```
[2]: per=float(input("Enter your percentage:"))
      if(per>=85 and per<=100):
          print("Distinction")
      elif(per>=60 and per<=84):
          print("First class")
      elif(per>=50 and per<=59):
          print("Second class")
      elif(per>=35 and per<=49):
          print("Pass")
      elif(per>=0 and per<=34):
          print("Fail")
      else:
          print("Invalid input")
```

Enter your percentage: 25

Fail

```
[1]: per=float(input("Enter your percentage:"))
      #if(s1<35 or s2<35 or s3<35):
      #    print("Fail")
      if(per>=85 and per<=100):
          print("Distinction")
      elif(per>=60 and per<=84):
          print("First class")
      elif(per>=50 and per<=59):
          print("Second class")
      elif(per>=35 and per<=49):
```

```
elif(per>=35 and per<=49):  
    print("Pass")  
elif(per>=0 and per<=34):  
    print("Fail")  
else:  
    print("Invalid input")
```

Enter your percentage: 56
Second class

```
[7]: #write a program to check the given number is even or odd  
a=int(input("Enter the number:"))  
if(a%2==0):  
    print("Even number")  
else:  
    print("Odd number")
```

Enter the number: -8
Even number

```
[14]: #write a program to check the given input is positive number, negative number or zero  
n=int(input("Enter the number:"))  
if(n>0):  
    print("Positive number")  
elif(n<0):  
    print("Negative number")  
else:  
    print("Zero")
```

Enter the number: 0
Zero

```
[15]: n=4  
if(n%2==0 and 2<=n<=5):  
    print("Not Weird")  
elif(n%2==0 and 6<=n<=20):
```

```
elif(n%2==0 and 6<=n<=20):  
    print("Weird")  
elif(n%2==0 and n>20):  
    print("Not Weird")  
else:  
    print("Weird")
```

Not Weird

[]:

[]: