

9/9/25 | output stands at completion as follows  
 take percentage from user and print their result.  
 85-100  $\Rightarrow$  distinction  
 60-84  $\Rightarrow$  first class  
 50-59  $\Rightarrow$  second class  
 35-49  $\Rightarrow$  pass  
 0-34  $\Rightarrow$  fail.

```

code: a=float(input("Percent:"))
      if(a>=85 and a<=100):
          print("distinction")
      elif(a>=60 and a<=85):
          print("first class")
      elif(a>=50 and a<=59):
          print("second class")
      elif(a>=35 and a<=49):
          print("pass")
      elif(a>=0 and a<=34):
          print("fail")
      else:
          print("invalid input")
  
```

percent: 76 | o/p first class.

# write a program to check the given  
number is even or odd

code: b = int(input("Number:"))  
if (b%2 == 0):  
 print ("even number")  
else:  
 print ("odd number")

number: 23

O/P

odd number.  
(Even) input : 23  
:(0011011)

# write a program to "check" the given  
input is positive, negative no. or zero ,

code: num = int(input("Number:"))  
if (num < 0):  
 print ("negative number")  
elif (n > 0):  
 print ("positive number")  
else:  
 print ("zero")

number: 3

O/P

positive number.

.(Even) input : 3  
:(0011011)