

1. Write a python program to find those numbers which are divisible by 7 and multiples of 5, for user input.

```
In [19]: ▶ num=int(input("enter the number"))
          if(num%7==0 and num%5==0):
              print(num,"is divisible by 7 and multiples of 5")
          else:
              print(num,"is not divisible by 7 nor multiples of 5")

enter the number70
70 is divisible by 7 and multiples of 5
```

2. Write a python program to check the user input is even or odd or zero.

```
In [21]: ▶ num=int(input("enter the number"))
          if(num==0):
              print(num,"is zero")
          elif(num%2==0):
              print(num,"is even")
          else:
              print(num,"is odd")
```

```
enter the number8
8 is even
```

```
In [22]: ▶ num=int(input("enter the number"))
          if(num==0):
              print(num,"is zero")
          elif(num%2==0):
              print(num,"is even")
          else:
              print(num,"is odd")
```

```
enter the number3
3 is odd
```

3. Print decimal part of an input number. If the decimal part is zero print the string : "INTEGER"

```
In [26]: ► num=float(input("enter the number"))
n=num%1
if(n==0):
    print(round(num),"is integer")
else:
    print(round(n,3),"is the decimal part of",num)
```

```
enter the number44.90
0.9 is the decimal part of 44.9
```

```
In [27]: ► num=float(input("enter the number"))
n=num%1
if(n==0):
    print(round(num),"is integer")
else:
    print(round(n,3),"is the decimal part of",num)
```

```
enter the number55
55 is integer
```