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

```python
In [4]: number=int(input('Enter the number:'))
        if(number%7==0) and (number%5==0):
            print(number,'is divisible by 7 and multiples of 5')
        else:
            print(number,'is not divisible by 7 and multiples of 5')
```

```
Enter the number:70
70 is divisible by 7 and multiples of 5
```

```python
In [5]: number=int(input('Enter the number:'))
        if(number%7==0) and (number%5==0):
            print(number,'is divisible by 7 and multiples of 5')
        else:
            print(number,'is not divisible by 7 and multiples of 5')
```

```
Enter the number:40
40 is not divisible by 7 and multiples of 5
```

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

```python
In [2]: number= int(input('Enter the number='))
        if (number==0):
            print(number,' is zero')
        elif(number%2==0):
            print(number,' is even')
        else:
            print(number,' is odd')
```

```
Enter the number10
10  is even
```

```python
In [6]: number= int(input('Enter the number='))
        if (number==0):
            print(number,' is zero')
        elif(number%2==0):
            print(number,' is even')
        else:
            print(number,' is odd')
```

```
Enter the number=11
11  is odd
```

```python
In [7]: number= int(input('Enter the number='))
        if (number==0):
            print(number,' is zero')
        elif(number%2==0):
            print(number,' is even')
        else:
            print(number,' is odd')
```

```
Enter the number=0
0  is zero
```

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

```python
In [8]: number=float(input('enter the number is'))
        if number%1==0:
            print(number,'is interger')
        else :
            print(number,'is float')
```

```
enter the number is42.66
42.66 is float
```

```python
In [9]: number=float(input('enter the number is'))
        if number%1==0:
            print(number,'is interger')
        else :
            print(number,'is float')
```

```
enter the number is40
40.0 is interger
```