1.

```python
x=int(input("Enter a number: "))
a=x%5
b=x%7

if a==0 and b==0:
    print("The given number is multiple of 5 and divisble 7")
else:
    print("The given number is not multiple of 5 and divisble 7")
```

Python

```
Enter a number: 35
The given number is multiple of 5 and divisble 7
```

2.

```python
x=int(input("Enter a number: "))
if(x%2==0 or x==0):
    if(x==0):
        print("The number is zero")
    else:
        print("The number is even")
else:
    print("The number is odd")
```

Python

```
Enter a number: 8
The number is even
```

3.

```python
x=float(input("Enter a number: "))
a=x%1
if a==0:
    print("INTEGER")
else:
    print("Decimal part of the number is =",a)
```

```
Enter a number: 3.5
Decimal part of the number is = 0.5
```