

TASK-2

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

```
In [ ]: # 1. Write a Python program to find those numbers which are divisible by 7 and multiples of 5, for user input
```

```
In [32]: n=int(input("Enter a number:"))
if n%7==0:
    if n%5==0:
        print(n,"is divisible by 7 and it is a multiple of 5")
    else:
        print(n,"is divisible by 7 and not a multiple of 5")
else:
    if n%5==0:
        print(n,"is not divisible by 7 and is a multiple of 5")
    else:
        print(n,"is not divisible by 7 and not a multiple of 5")
```

```
Enter a number:35
35 is divisible by 7 and it is a multiple of 5
```

```
In [ ]: # 1. Write a Python program to find those numbers which are divisible by 7 and multiples of 5, for user input
```

```
In [33]: n=int(input("Enter a number:"))
if n%7==0:
    if n%5==0:
        print(n,"is divisible by 7 and it is a multiple of 5")
    else:
        print(n,"is divisible by 7 and not a multiple of 5")
else:
    if n%5==0:
        print(n,"is not divisible by 7 and is a multiple of 5")
    else:
        print(n,"is not divisible by 7 and not a multiple of 5")
```

```
Enter a number:42
42 is divisible by 7 and not a multiple of 5
```

```
In [ ]: # 1. Write a Python program to find those numbers which are divisible by 7 and multiples of 5, for user input
```

```
In [34]: n=int(input("Enter a number:"))
if n%7==0:
    if n%5==0:
        print(n,"is divisible by 7 and it is a multiple of 5")
    else:
        print(n,"is divisible by 7 and not a multiple of 5")
else:
    if n%5==0:
        print(n,"is not divisible by 7 and is a multiple of 5")
    else:
        print(n,"is not divisible by 7 and not a multiple of 5")
```

```
Enter a number:40
40 is not divisible by 7 and is a multiple of 5
```

```
In [ ]: # 1. Write a Python program to find those numbers which are divisible by 7 and multiples of 5, for user input
```

```
In [35]: n=int(input("Enter a number:"))
if n%7==0:
    if n%5==0:
        print(n,"is divisible by 7 and it is a multiple of 5")
    else:
        print(n,"is divisible by 7 and not a multiple of 5")
else:
    if n%5==0:
        print(n,"is not divisible by 7 and is a multiple of 5")
    else:
        print(n,"is not divisible by 7 and not a multiple of 5")
```

```
Enter a number:18
18 is not divisible by 7 and not a multiple of 5
```

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

```
In [ ]: # 2. write a python pgm to check the user input is even or odd or Zero
```

```
In [36]: n=int(input("Enter a number:"))
if n==0:
    print("Zero")
elif n%2!=0:
    print(n,"is an odd number")
else:
    print(n,"is an even number")
```

Enter a number:0

Zero

```
In [ ]: # 2. write a python pgm to check the user input is even or odd or Zero
```

```
In [37]: n=int(input("Enter a number:"))
if n==0:
    print("Zero")
elif n%2!=0:
    print(n,"is an odd number")
else:
    print(n,"is an even number")
```

Enter a number:64

64 is an even number

```
In [ ]: # 2. write a python pgm to check the user input is even or odd or Zero
```

```
In [38]: n=int(input("Enter a number:"))
if n==0:
    print("Zero")
elif n%2!=0:
    print(n,"is an odd number")
else:
    print(n,"is an even number")
```

Enter a number:39

39 is an odd number

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

```
In [ ]: # 3. print decimal part of an input number. If the decimal part is zero print this string: "INTEGER".
```

```
In [39]: n=float(input("Enter a number:"))
t=n-int(n)
print(t)
if t==0:
    print("INTEGER")
```

Enter a number:65.5

0.5

```
In [ ]: # 3. print decimal part of an input number. If the decimal part is zero print this string: "INTEGER".
```

```
In [40]: n=float(input("Enter a number:"))
t=n-int(n)
print(t)
if t==0:
    print("INTEGER")
```

Enter a number:20

0.0

INTEGER