

1.check if the given number is positive or negative.

Code:

```
1 num=int(input())
2 if num>0:
3     print("Positive")
4 elif num<0:
5     print("Negative")
6 else:
7     print("Zero")
8
```

Sample i/p and o/p:

Test1:

```
5
Positive
```

Test2:

```
0
Zero
```

Test3:

```
-9
Negative
```

2.Check if the given number is even or not.

Code:

```
1 num=int(input("Enter a number to check even or odd: "))
2 print("Even" if num%2==0 else "Odd")
```

Sample i/p and o/p:

Test1:

```
Enter a number to check even or odd: 65  
Odd
```

Test2:

```
Enter a number to check even or odd: 46  
Even
```

3.sum of natural numbers.

Code:

```
1 num=int(input("Enter a number: "))  
2 total_sum=0  
3 for i in range(1,num+1):  
4     total_sum+=i  
5 print(f"Sum of natural numbers upto {num} is {total_sum}")
```

Sample test:

```
Enter a number: 5  
Sum of natural numbers upto 5 is 15
```

