```
In [1]:  #Function: A function is a block of code which performs a specific tas
         k.

In [2]:  #Example-01:

In [3]:  def hello():
             print("Hello World")

In [4]:  hello()

         Hello World

In [5]:  #Example-02:

In [6]:  def add(x):
             return x + 10

In [7]:  add(5)

Out[7]:  15

In [8]:  #Example-03:

In [9]:  def diff(x):
             print(x-10)

In [10]: diff(5)

         -5

In [11]: #Example-04:
```

```
In [12]: def mult(x):
             return x*25

In [13]: mult(4)

Out[13]: 100

In [14]: #Example-05:

In [15]: def div(x):
             print(x/4)

In [16]: div(32)

         8.0

In [17]: #Example-06:

In [18]: def odd_even(x):
             if x%2 != 0:
                 print(x,'is an odd number.')
             else:
                 print(x,'is an even number.')

In [19]: odd_even(9)

         9 is an odd number.

In [20]: odd_even(17)

         17 is an odd number.

In [21]: odd_even(28)

         28 is an even number.
```

```
In [22]: odd_even(-34)
```

-34 is an even number.