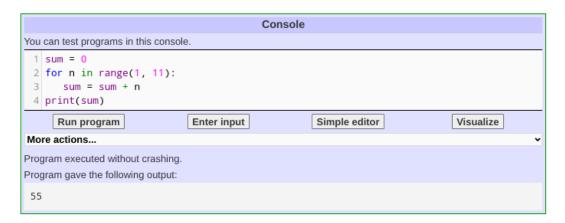
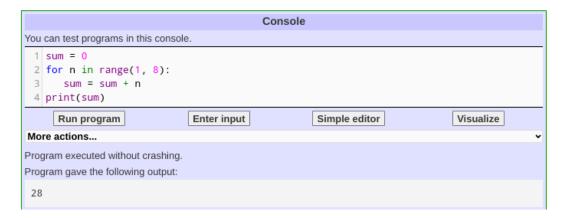
2.

Console



3.

Console

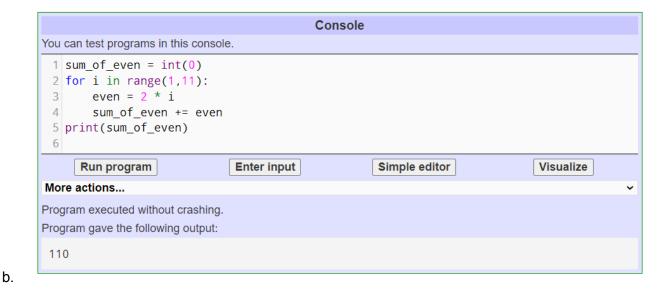


4.

a.

Console





Console

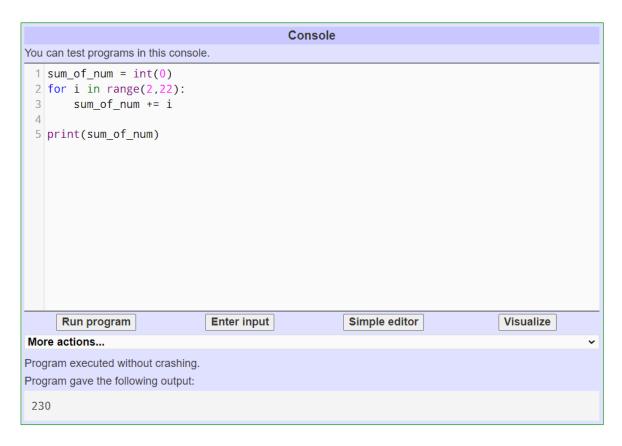
```
Console
You can test programs in this console.
 1 sum_of_even = int(0)
 2 sum_of_nat = int(0)
 3 for i in range(1,11):
       even = 2 * i
 5
        sum_of_even += even
 6
 7
 8
 9 for n in range(1,11):
10
        sum_of_nat += n
11
12 result = sum_of_even / sum_of_nat
13 print("sum of the even natural numbers are", result, "times the sum of the natural
14
      Run program
                              Enter input
                                                     Simple editor
                                                                              Visualize
More actions...
Program executed without crashing.
Program gave the following output:
 sum of the even natural numbers are 2.0 times the sum of the natural numbers
```

Console

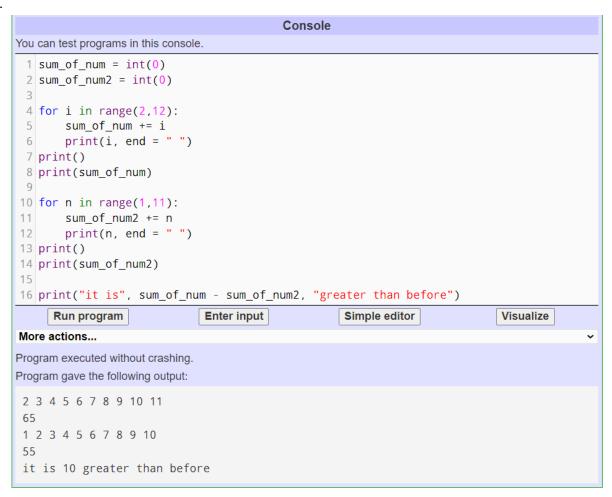
```
Console
You can test programs in this console.
 1 sum_of_even = int(0)
 2 sum_of_nat = int(0)
 3 for i in range(1,6):
       even = 2 * i
 5
       sum_of_even += even
 6
 8
 9 for n in range(1,6):
 10
       sum_of_nat += n
 11
 12 result = sum_of_even / sum_of_nat
 13 print("sum of the even natural numbers are", result, "times the sum of the natural
     Run program
                              Enter input
                                                    Simple editor
                                                                             Visualize
More actions...
Program executed without crashing.
Program gave the following output:
 sum of the even natural numbers are 2.0 times the sum of the natural numbers
```

d.

Console

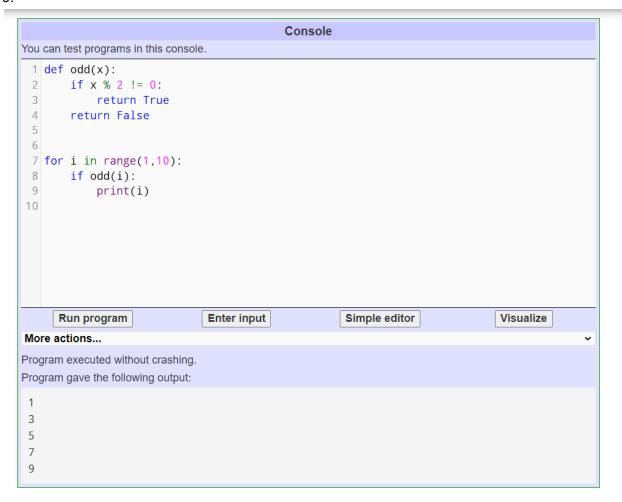


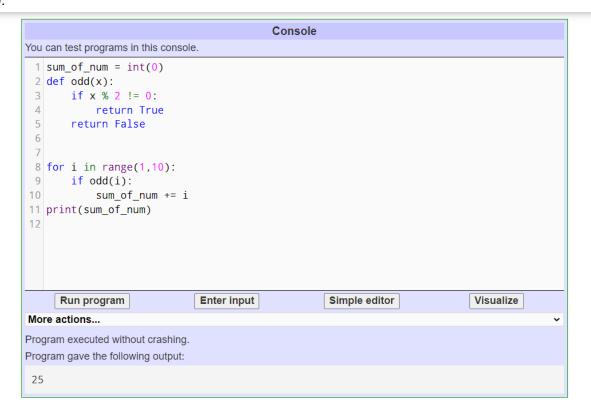
6.

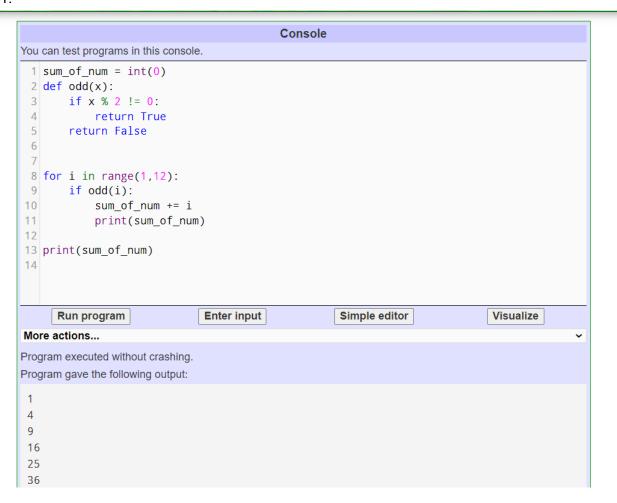


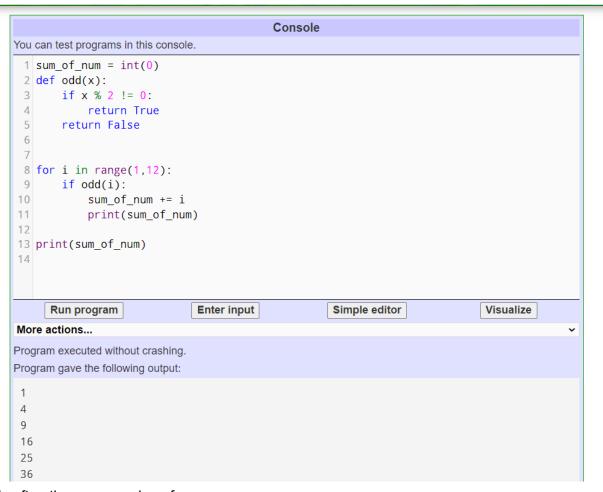
7. Each number from 5-10 is 4 more than the numbers 1-6, so the sum will be 4 x 6 more

```
Console
You can test programs in this console.
 1 sum_of_num = int(0)
 2 sum_of_num2 = int(0)
 4 for i in range(2,12):
       sum_of_num += i
       print(i, end = " ")
 7 print()
 8 print(sum_of_num)
10 for n in range(1,11):
       sum_of_num2 += n
12
       print(n, end = " ")
13 print()
14 print(sum_of_num2)
16 print("it is", sum_of_num - sum_of_num2, "greater than before")
                                                    Simple editor
                                                                              Visualize
     Run program
                              Enter input
More actions...
Program executed without crashing.
Program gave the following output:
 2 3 4 5 6 7 8 9 10 11
 1 2 3 4 5 6 7 8 9 10
 it is 10 greater than before
```









It is often the square value of n.