

Question 1.

Exercise Question 1: Print First 10 natural numbers using while loop

Expected output:

```
0
1
2
3
4
5
6
7
8
9
10
```

Question 2.

Exercise Question 2: Print the following pattern

```
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
```

Exercise Question 3: Accept number from user and calculate the sum of all number between 1 and given number

For example user given **10** so the output should be **55**

Exercise Question 4: Print multiplication table of given number

For example `num = 2` so the output should be

```
2
4
6
8
10
12
14
16
18
20
```

Exercise Question 5: Given a list iterate it and display numbers which are divisible by 5 and if you find number greater than 150 stop the loop iteration

```
list1 = [12, 15, 32, 42, 55, 75, 122, 132, 150, 180, 200]
```

Expected output:

```
15
55
75
150
```

Exercise Question 6: Given a number count the total number of digits in a number

For example, the number is **75869**, so the output should be **5**.

Exercise Question 9: Display -10 to -1 using for loop

Expected output:

```
-10  
-9  
-8  
-7  
-6  
-5  
-4  
-3  
-2  
-1
```

Exercise Question 10: Display a message “Done” after successful execution of for loop

For example, the following loop will execute without any error.

```
for i in range(5):  
    print(i)
```

So the **Expected output should be:**

```
0  
1  
2  
3  
4  
Done!
```