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## PW Serie No. 5: Repetition Control Structures (Loops)

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### Exercise 01:

```
python Copy code  
  
number = 10  
  
while number > 0:  
    print(number)  
    number -= 1  
  
print("Done!")
```

### Questions for Execution:

- 1- Predict the output of the program.
- 2-Type the code step by step to determine what will be printed on the console.
- 3-Change the code to print the inverse of actual output.

### Exercise 02:

Using a while loop keep asking the user to guess a secret number from 0 to 15 until he finds it.

### Exercise 03:

- 1- Write a Python program that shows numbers from 1 to 10 using a For loop.
- 2- Change the same program to make it shows numbers from 10 to 1.
- 3- Change the same program to make it shows these numbers respectively: 10,8,6,4,2,0

### Exercise 04:

Write a python program that prints even numbers backward from 20 to 1.

### Exercise 05:

Write a python program that checks whether a given number is prime or not.

**Good luck**