

# Module 4 Lab 2 Solution

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## Welcome to our Lab Practice!

This lab is about repetition - for loops. Are you ready? Let's get started!

You will find some small tasks in sections below.

###Task: Print all even numbers within 20

```
for i in range(21):  
    if i % 2 == 0:  
        print(i)
```

```
0  
2  
4  
6  
8  
10  
12  
14  
16  
18  
20
```

**Task: Print all numbers dividble by 5 within 100**

```
for i in range(101):  
    if i % 5 == 0:  
        print(i)
```

```
0  
5  
10  
15  
20  
25  
30  
35  
40  
45  
50  
55  
60  
65  
70  
75  
80  
85  
90  
95  
100
```

###Task: Print all integers from -5 to 5.

```
for i in range(-5, 6):  
    print(i)
```

```
-5  
-4  
-3  
-2  
-1  
0  
1  
2  
3  
4  
5
```

###Task: Print all integers of an interval given by the user

Ask the user to enter two integers and print all integers between (including) them.

```
low = int(input('Enter the lower bound of the interval: '))
high = int(input('Enter the higher bound of the interval: '))
for i in range(low, high+1):
    print(i)
```

Enter the lower bound of the interval: 2

Enter the higher bound of the interval: 5

2

3

4

5