

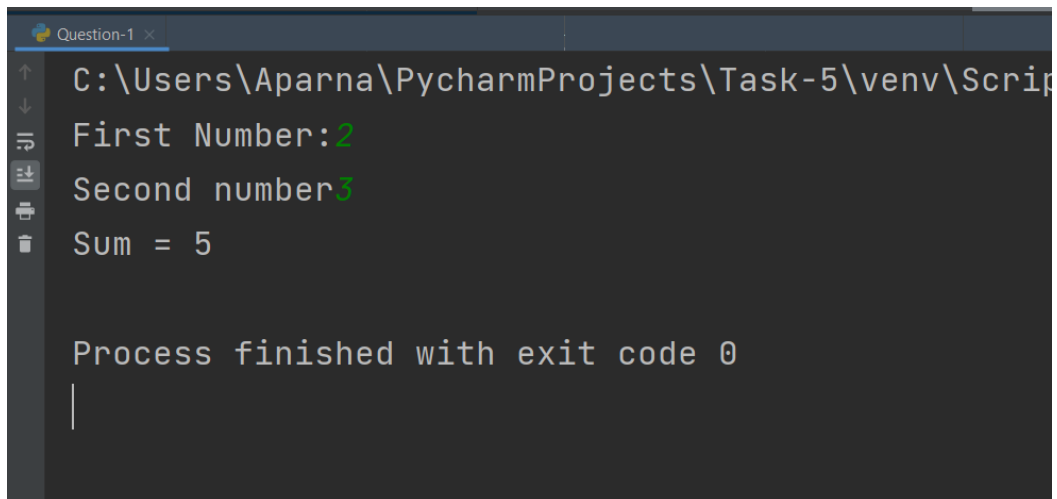
## COGNIZANCE TASK-4

### QUESTION-1

Code:

```
a=int(input("First Number:"))  
b=int(input("Second number"))  
print("Sum =", a+b)
```

Output:



The screenshot shows a terminal window with a dark background. The title bar at the top reads "Question-1". The terminal output is as follows:

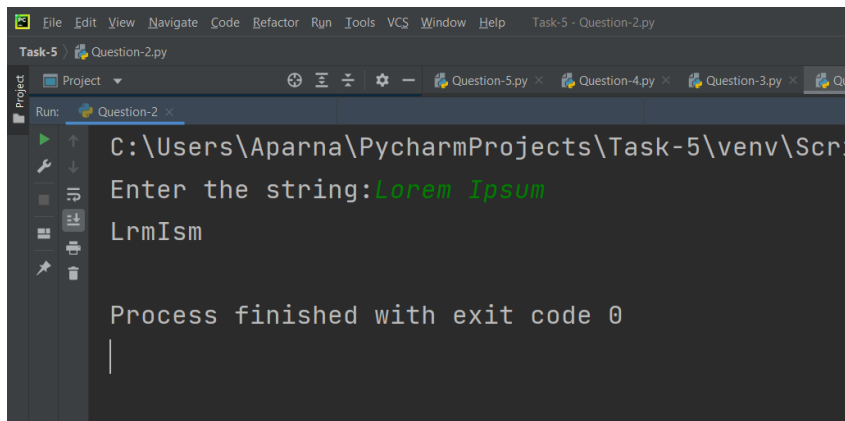
```
C:\Users\Aparna\PycharmProjects\Task-5\venv\Scripts>  
First Number:2  
Second number3  
Sum = 5  
  
Process finished with exit code 0
```

### QUESTION-2

Code:

```
s=input("Enter the string:")  
print(s[::2])
```

## Output:



```
Task-5 \ Question-2.py
C:\Users\Aparna\PycharmProjects\Task-5\venv\Scripts\python.exe
Enter the string:Lorem Ipsum
LrmIsm

Process finished with exit code 0
```

## QUESTION-3

Code:

```
l=[]
n=int(input("Enter the num of records to be stored:"))

for i in range (n):
    e=input("Enter the record (Roll no, Name, Marks):")
    s=e.split()
    f=list(s)
    l.append(f)

print("-----3(i)-----")
print("Roll no", "Name", "Marks", sep=' ')

#(i)Printing the list in tabular form
for i in l:
    print(i[0], i[1], i[2], sep=' ')
print("-----3(ii)-----")
#(ii) Extracting and printing second record

m=l[1]
print(m[0], m[1], m[2], sep=' ')
```

## Output:

```
C:\Users\Aparna\PycharmProjects\Task-5\venv\Scripts\python.exe
Enter the num of records to be stored:5
Enter the record (Roll no, Name, Marks):1 Abc 90
Enter the record (Roll no, Name, Marks):2 Def 95
Enter the record (Roll no, Name, Marks):3 Ghi 80
Enter the record (Roll no, Name, Marks):4 Jkl 85
Enter the record (Roll no, Name, Marks):5 Mno 75
-----3(i)-----
Roll no    Name    Marks
1          Abc      90
2          Def      95
3          Ghi      80
4          Jkl      85
5          Mno      75
-----3(ii)-----
2   Def   95

Process finished with exit code 0
|
```

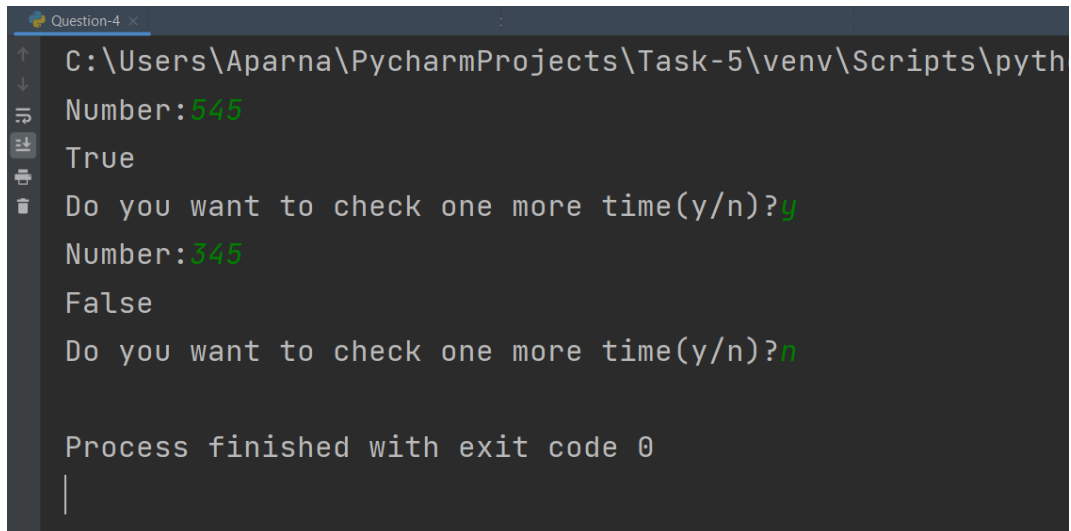
## QUESTION-4

Code:

```
while True:
    n = input("Number:")
    b=n[::-1]
    if n==b:
        print(True)
    else:
        print(False)
    i=input("Do you want to check one more time(y/n)?")
    if i=='y':
        True
```

```
if i=='n':  
    break
```

Output:

A screenshot of a terminal window titled "Question-4". The window shows the execution of a Python script. The path "C:\Users\Aparna\PycharmProjects\Task-5\venv\Scripts\pyth" is visible at the top. The program prompts for a "Number:" and receives "545" in green. It then prints "True". It asks "Do you want to check one more time(y/n)?" and receives "y" in green. It prompts for a "Number:" again and receives "345" in green. It prints "False". It asks "Do you want to check one more time(y/n)?" and receives "n" in green. Finally, it prints "Process finished with exit code 0".

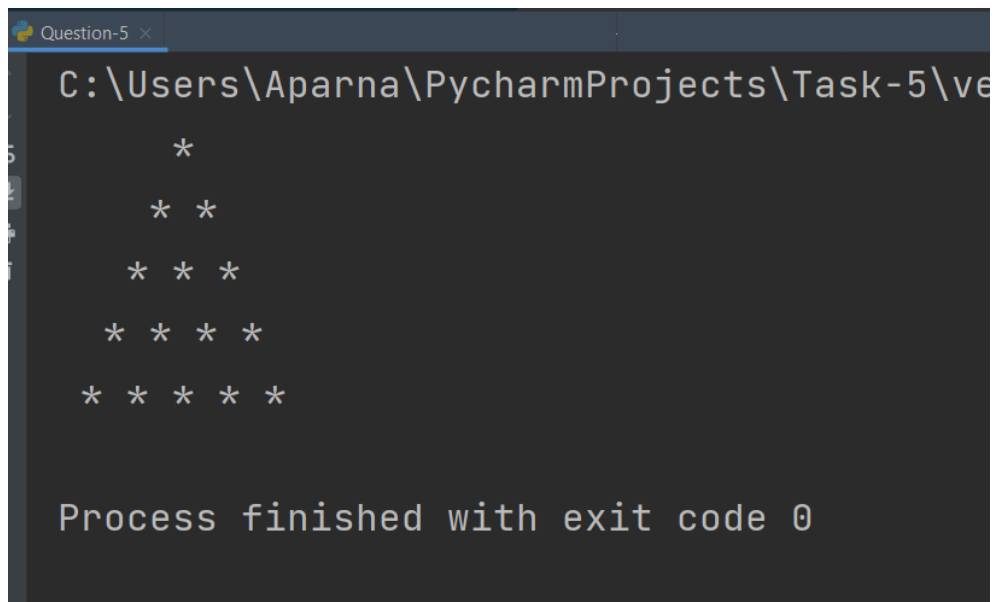
```
Question-4 x  
C:\Users\Aparna\PycharmProjects\Task-5\venv\Scripts\pyth  
Number:545  
True  
Do you want to check one more time(y/n)?y  
Number:345  
False  
Do you want to check one more time(y/n)?n  
  
Process finished with exit code 0  
|
```

## QUESTION-5

Code:

```
for i in range(5):  
    for j in range(5-i):  
        print(end=' ')  
    for j in range(i+1):  
        print('*', end=' ')  
    print()
```

## Output:



```
Question-5 x
C:\Users\Aparna\PycharmProjects\Task-5\ve
    *
  * *
 * * *
* * * *
* * * * *

Process finished with exit code 0
```

The image shows a terminal window with a dark background. The title bar at the top reads "Question-5 x". The command prompt shows the directory "C:\Users\Aparna\PycharmProjects\Task-5\ve". Below the prompt, a pattern of asterisks is printed: a single asterisk on the first line, two on the second, three on the third, four on the fourth, and five on the fifth. At the bottom of the terminal, the message "Process finished with exit code 0" is displayed.