



1. write a Python Program to check if a Number is Positive, Negative or Zero
2. Write a program to print **\*reverse right angle triangle pattern** using concatenation using one **for loop** use row as a user input.

Example: \*\*\*\*

```
***  
**  
*
```

3. program to convert temperature from **Fahrenheit to Celsius** and **Celsius to Fahrenheit**.
4. Write a Python program to calculate the sum of the digits of a given number.
5. Write a python program to print hollow square

```
* * * * *  
*       *  
*       *  
*       *  
*       *  
* * * * *
```

6. Write a python program to get a number pyramid

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

7. Write a python program to generate first 10 numbers in the Fibonacci series.
8. Write a Python program that takes a string as input from the user and counts the number of vowels (both uppercase and lowercase) present in the string.
9. Write a python program to build a simple library system where users can:
  - View available books
  - Borrow a book
  - Return a book
  - Use a list to keep track of available books
10. Write a python program to create an ATM simulator where the user can check their balance, deposit money, and withdraw money. Use a loop to allow multiple transactions until the user chooses to exit.