TOPIC : LOOPS CONTINUE

1. Print the Fibonacci series in single line with 50 elements like as follows
   1, 1, 2, 3, 5, 8, 13, 21……..

2. Take two numbers as input from the user and Print all the Prime Numbers between the numbers given by users using while loop.

3. Repeat the above questions using else with for loop.

4. Print the following pattern

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

5. Print the Floyd's Triangle.

```
1
01
101
0101
10101
```

6. Create your own generalized index function. Print all the matching index positions of an element present in a list [2,3,4,5,6,2,3,4,2,3,4,2]. Take the element as input from the user.

7. Write a program to check whether a number input by the user is a palindrome or not.