**Assignment 5**

**1. Reverse Fibonacci Series**

import java.util.Scanner;

public class ReverseFibonacci {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.print("Enter the limit: ");

int limit = scanner.nextInt();

int a = 0, b = 1, c = 0;

while (c <= limit) {

c = a + b;

a = b;

b = c;

}

while (c > 0) {

c = a - b;

a = b;

b = c;

if (c >= 0) {

System.out.print(c + " ");

}

}

}

}

**2. Reverse Non-Fibonacci Series**

**3. Non-Fibonacci Series**