Q1. Accept a number from user - if it is divisible by 3 print “fun” , if it is divisible by 7 print “buzz” and if it is divisible by both(3,7) print “fun -buzz” . [Two answer]
Q2. Accept a start number from user and end number from user. Print all odd number between start and end number. [Two Answer]
Q3. Accept a number from user and check if it is palindrome number or not eg (121)
Q4. Accept a term from user and print Fibonacci series.

```
import java.util.Scanner;

public class start_end_odd {

	public static void divisible(int num) {

		if (num % 3 == 0 && num % 7 == 0)
			System.out.println("fun -buzz");

		else if (num % 3 == 0)
			System.out.print("fun ");

		else if (num % 7 == 0)
			System.out.print("buzz");
	}

	public static void divisible2(int num) {

		if (num % 3 == 0) {
			System.out.print("fun ");

			if (num % 7 == 0) {
				System.out.print("-buzz");
			}
		}
		else if (num % 7 == 0)
			System.out.print("buzz");
	}

	public static void isOdd(int start, int end) {

		if (start % 2 == 0)
			start += 1;
```

```
        for (int i = start; i < end; i += 2) {
                System.out.println(i + " ");
        }
}

public static void isOdd2(int start, int end) {

        for (int i = start; i < end; i++) {

                if (start % 2 != 0)

                        System.out.println(i + " ");
        }
}

public static void palindrome(int num) {

        int no, rem, rev = 0;
        no = num;

        while (num != 0) {
                rem = num % 10;
                rev = rev * 10 + rem;
                num = num / 10;
        }
        System.out.println(rev == no ? "palindrome" : "not palindrome");
}

public static void fibonacci(int num) {

        int a = 0, b = 1;
        System.out.print(a + " " + b + " ");

        if (num > 2) {
                for (int i = 0; i < num - 2; i++) {
                        int c = a + b;
                        a = b;
                        b = c;
                        System.out.print(c + " ");
                }
```

```
//                          System.out.println("\nlast a: "+a+"\nlast b: "+b);
                    }
          }

          public static void main(String[] args) {

                    System.out.println("enter : ");
                    Scanner sc = new Scanner(System.in);

                    int num = sc.nextInt();

//                  System.out.println("1:");
//                  int n1 = sc.nextInt();
//                  System.out.println("2:");
//                  int n2 = sc.nextInt();
//
//                  isOdd2(n1, n2);

                    divisible2(num);

//                  palindrome(num);

//                  fibonacci(num);
          }
}
```