Test 1

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]

Ans:- public class test1 {

```java
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter number: ");
        int n = sc.nextInt();
        if(n%3==0 && n%7==0){
            System.out.println("fun buzz");
        }
        else if(n%3==0){
            System.out.println("fun");
        }
        else if(n % 7==0){
            System.out.println("buzz");
        }
        sc.close();
    }
}
```

Q2. Accept a start number from user and end number from user. Print all odd number between start and end number. [Two Answer]

Ans:-public class test1{

```java
    public static void main(String[] args){

        Scanner sc = new Scanner(System.in);

        System.out.print("Enter start: ");

        int start = sc.nextInt();

        System.out.print("Enter end: ");

        int end = sc.nextInt();

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

            if(i % 2 != 0) System.out.println(i);

        }

        sc.close();

    }

}
```

Q3. Accept a number from user and check if it is palindrome number or not eg

(121)

Ans:-
```java
public class test1{

    public static boolean palindrome(int no){

        int last, n, rev=0;

        n = no;

        while(no!=0){

            last = no%10;

            rev = rev*10+last;

            no = no/10;

        }

        if(rev==n)

            return true;

        return false;
```

```java
    }
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter a number: ");
        int no = sc.nextInt();
        System.out.println(palindrome(no));
        sc.close();
    }
}
```

Q4. Accept a term from user and print Fibonacci series.

Ans:-
```java
public class test1{
    public static void fib(int s){
        int a, b, c;
        a = 0;
        b = 1;
        System.out.println(a+"\n"+b);
        if(s>2){
            for(int i = 1; i <= s-2; i++){
                c = a + b;
                System.out.println(c);
                a=b;
                b=c;
            }
        }
    }
    public static void main(String[] args) {
```

```java
        Scanner sc = new Scanner(System.in);

        System.out.println("Enter a number: ");

        int n = sc.nextInt();

        fib(n);

        sc.close();
    }
}
```