```
// 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]

import java.util.Scanner;

public class test1 {
   public static void answer1(int n){
      System.out.println("first answer");
      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");
        }
   }
   public static void answer2(int n){
      System.out.println("second answer");
      if(n%3==0){
         System.out.print("fun");
        }
      if(n%7==0){
         System.out.print("buzz");
        }
   }
```

```
  public static void main(String[] args) {
     Scanner sc = new Scanner(System.in);
     System.out.println("enter a number :");
     int k = sc.nextInt();
     answer1(k);
     answer2(k);
  }
}



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

import java.util.Scanner;

public class test2 {
  public static void answer1(int s, int e){
     System.out.println("first answer:");
      for(int i=s;i<=e;i++){
        if(i%2!=0)
        System.out.println(i);
      }
  }

 public static void oddrange(int s,int e){
     boolean b=isodd(s);
     if(b==false)
        s=s+1;
```

```
      for(int i =s;i<=e;i=i+2){
         System.out.println(i);
      }   }
      public static boolean isodd(int n){
         return n%2!=0;
      }

   public static void main(String[] args) {
      Scanner sc = new Scanner(System.in);
      System.out.println("enter start number:");
      int start = sc.nextInt();
      int end = sc.nextInt();
      // answer1(start, end);
      oddrange(start, end);
   }
}

// . Accept a number from user and check if it is palindrome number or not eg
// (121)

import java.util.Scanner;

public class test3 {
   public static void palindrome(int n){
      int rev=0,d;
      int n1 =n;
      while(n1>0){
         d = n1%10;
```

```
        rev=rev*10+d;
        n1=n1/10;
      }
      if(rev==n){
        System.out.println("its palindrome:");
      }
      else{
        System.out.println("not palidrome ");
      }

  }
  public static void main(String[] args) {
      Scanner sc = new Scanner(System.in);
      System.out.println("enter a number:");
      int n = sc.nextInt();
      palindrome(n);
  }
}


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

import java.util.Scanner;

public class test4 {
  public static void Fibonacci(int n){
      int a,b,c;
      a=0;
```

```
        b=1;
         System.out.println(+a+" "+b);
        for(int i=1;i<=n-2;i++){

        System.out.println(a+b);
        c=b;
        b=i;
        a=c;
        }


    }
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.println("enter a number:");
        int k = sc.nextInt();
        Fibonacci(k);
    }
}
```