

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” .

```
import java.util.*;
import static java.lang.System.in;

public class Myclass
{
    public static void main(String[] args)
    {
        Scanner sc= new Scanner(System.in);
        System.out.println("Enter a 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");
        }
    }
}
```

2) Accept a start number from user and end number from user. Print all odd number between start and end number.

```
import java.util.*;
import static java.lang.System.in;

public class Myclass
{
    public static void main(String[] args)
    {
        Scanner sc= new Scanner(System.in);
        System.out.println("Enter a start number");
        int start=sc.nextInt();

        System.out.println("Enter a end number");
        int end=sc.nextInt();

        for(int i=start;i<=end;i++){
            if(i%2!=0)
                System.out.println(i);
        }
    }
}
```

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

```
import java.util.*;  
  
public class Myclass  
{  
    public static boolean palindrome(int no)  
    {  
        System.out.println("Enter a number");  
        int n=new Scanner(System.in).nextInt();  
  
        int temp=n, rev=0;  
  
        while(n!=0)  
        {  
            rev=rev*10+n%10;  
            n/=10;  
        }  
  
        if(temp==rev)  
            return true;  
        return false;  
    }  
}
```

4) Accept a term from user and print Fibonacci series.

```
import java.util.*;  
  
public class Myclass  
{  
    public static void main(String[] args)  
    {  
        Scanner sc=new Scanner(System.in);  
        System.out.println("Enter a number");  
        int n=sc.nextInt();  
  
        int a=0,b=1,c;  
        for(int i=1;i<=n;i++)  
        {  
            System.out.println(a+" ");  
            c=a+b;  
            a=b;  
            b=c;  
        }  
    }  
}
```