Checks if number is Amstrong or not:

```
import java.io.*
import java.util.*;
class Amstrong
{
  public static void main (String[] args)
  {
    Scanner sc = new Scanner (System.in);
    System.out.println ("Enter the number:");
    int a= sc.nextInt();
    int sum=0;
    int rem=0;
    int temp =a;
    while (a>0)
    {
      rem = a%10;
      sum = sum+(rem*rem*rem);
      a=a/10
    }
    ~~if temp=sum~~
      if(temp==sum)
          System.out.println("Number Amstrong");
      else
          System.out.println("Not Amstrong");
    }
}
```

String Reverse

```
import java.io.*;
import java.util.Scanner;
class Reverse String {
    public static void main (String args[]){
        String str, rev = "";
        Scanner sc = new Scanner (System.in);
        System.out.print ("\n Enter the String");
        str = sc.nextLine();
        int length = str.length();
        for (int i = length-1 ; i>=0; i--){
            rev = rev + str.charAt(i)
        System.out.println ("Given string :" +str);
        System.out.println ("After reversing :" +rev);
    }
}
```

PALINDROMES

```
import java.io.*;
import util.java.Scanner;
class Palindrome
class String Palindrome {
    Public static void main (String [] args) {
    String str, rev="";
    Scanner sc= new Scanner (System.in );
    System.out.print ("\n Enter string");
    str= sc.nextLine ();
    int length =str.length();
    for(int i= length-1; i>=0; i--) {
    rev= rev+ str.charAt(i);
  if (str.equals(rev))
    System.out.println(str+" Is a palindrome");
  else
    System.out.println(str+" not a palindrome");
  }
}
```

Print Fibonacci series limit upto given limit:

```
import java.io.*;
import java.util.*;
class Fibonacci

{
    public static void main (String [] args)
    {
        Scanner sc = new Scanner (System.in);
        int a = 0;
        int b = 1;
        System.out.println ("Enter the limit:");
        int n = sc.next();
        System.out.println (a+"\t");
        System.out.print (b+"\t");
        int i = 0;
        for (i=0; i<=n; i++)
        {
            int c = a+b
            System.out.println (c+"\t");
            a=b
            b=c;
        }
    }
}
```

String Program:

```
import java.io.*;
import java.util.Scanner;
class StringFrequency {
    public static void main(String[] args) {
        String str;
        char ch;
        int count=0;
        Scanner sc = new Scanner(System.in);
        System.out.println("\n Enter String:");
        str = sc.nextLine();
        int Length = str.length();
        System.out.print("Enter Character:");
        ch = sc.next().charAt(0);
        for (int i=0; i<length; i++) {
            If (ch == str.charAt(i))
                count = count+1;
        }
        System.out.println("Frequency of "ch" is "count");
    }
}
```