2

Import java.util.Scanner;

Public class ArmstrongBetweenTwoNumbers {

Public static void main(String args[]){

Int num1, num2;

Scanner sc = new Scanner(System.in);

System.out.println(“Enter the first number ::”);

Num1 = sc.nextInt();

System.out.println(“Enter the second number ::”);

Num2 = sc.nextInt();

For (int I = num1; i<num2; i++){

Int check, rem, sum = 0;

Check = I;

While(check != 0) {

Rem = check % 10;

Sum = sum + (rem \* rem \* rem);

Check = check / 10;

}

If(sum == i){

System.out.println(“”+i+” is an Armstrong number.”);

}

}

}

}

3))))

Import java.util .\*;

Class sici

{

Public static void main (String argu[ ])

{

Double pr, rate, t, sim,com;

Scanner sc=new Scanner (System. In);

System.out.println(“Enter the amount:”);

Pr=sc.nextDouble();

System. Out. Println(“Enter the No.of years:”);

T=sc.nextDouble();

System. Out. Println(“Enter the Rate of interest”);

Rate=sc.nextDouble();

Sim=(pr \* t \* rate)/100;

Com=pr \* Math.pow(1.0+rate/100.0,t) – pr;

System.out.println(“Simple Interest=”+sim);

System.out. println(“Compound Interest=”+com);

}

}

6))import java.util.Scanner;

public class Login {

public static void main(String args[])

{

String username, password;

Scanner s = new Scanner(System.in);

System.out.print("Enterusername:");//username:ajay

username = s.nextLine(); System.out.print("Enterpassword:");//password:password

password = s.nextLine(); if(username.equals("ajay") && password.equals(“password"))

{ System.out.println(“ wlecome “);

} else

{ System.out.println("you have entered the wrong credentials""); } }}

7))))

Class SearchArray{

Public static void main(String[] args) {

Int[] num = {5,12,14,6,78,19,1,23,26,35,37,7,52,86,47};

Int checkvalue = 19;

Boolean found = false;

For (int n : num) {

If (n == checkvalue) {

Found = true;

Break;

}

}

If(found)

System.out.println(checkvalue + “ is found.”);

Else

System.out.println(checkvalue + “ is not found.”);

}

}

8public class BubbleSort{

Static void bubbleSort(int arr[]) {

Int n = arr.length;

Int temp = 0;

For(int i=0; I < n; i++){

For(int j=1; j < (n-i); j++){

If(arr[j-1] > arr[j]){

Temp =arr[j-1];

Arr[j-1]=arr[j];

Arr[j] = temp;

}

}

}

}

Public static void main(String[] args) {

Int arr[] ={5,12,14,6,78,19,1,23,26,35,37,7,52,86,47};

System.out.println(“Array Before Bubble Sort”);

For(int i=0; I < arr.length; i++){

System.out.print(arr[i] + “ “);

}

System.out.println();

bubbleSort(arr);

System.out.println(“Array After Bubble Sort”);

For(int i=0; I < arr.length; i++){

System.out.print(arr[i] + “ “);

}