**Question1:**

|  |
| --- |
| import java.util.\*; |
|  | import java.lang.Math; |
|  | public class git |
|  | { |
|  | private static Object j; |
|  |  |
|  | public static void main(String []args) { |
|  |  |
|  | int n; |
|  | double sum = 0; |
|  | Scanner sc=new Scanner(System.in); |
|  | System.out.print("Enter the number of elements you want to store: "); |
|  |  |
|  | n=sc.nextInt(); |
|  |  |
|  | int[] array = new int[n]; |
|  | System.out.println("Enter the elements of the array: "); |
|  |  |
|  | for(int i=0; i<n; i++) |
|  | { |
|  | array[i]=sc.nextInt(); |
|  | } |
|  |  |
|  | for(int k = 0; k < array.length; k++) |
|  | { |
|  | int temp; |
|  | temp = array[k] ; |
|  | String a = String.valueOf(temp); |
|  | int m= a.length(); |
|  | for(int j = 0; j < m; j++) |
|  | { |
|  |  |
|  |  |
|  |  |
|  | char b; |
|  | b =a.charAt(j); |
|  | int c = Character.getNumericValue(b); |
|  |  |
|  | double mult = Math.pow(c, m); |
|  |  |
|  | sum = sum + mult; |
|  |  |
|  | } |
|  | if(array[k] == sum) |
|  | { sum=0; |
|  | System.out.println(array[k] + " is an Armstrongs number "); |
|  | } |
|  | else |
|  | { sum=0; |
|  | System.out.println(array[k] + " is not an Armstrongs number "); |
|  | } |
|  |  |
|  | } |
|  |  |
|  |  |
|  | } |
|  |  |
|  |  |
|  |  |
|  | private static int charAt(int j2) { |
|  | // TODO Auto-generated method stub |
|  | return 0; |
|  | } |
|  | private char charAt(Object j2) { |
|  | // TODO Auto-generated method stub |
|  | return 0; |
|  | } |
|  | } |
|  |  |

**Question2:**