Programming Logic Questions

1. Write a code to check if given number is armstrong number or not.

import java.util.\*;

class ArmStrong

{

public static void main(String args[])

{

int n,sum=0,rem,temp;

System.out.println("Enter no.");

Scanner sc=new Scanner(System.in);

n=sc.nextInt();

temp=n;

while(n>0)

{

rem=n%10;

n=n/10;

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

}

if(temp==sum)

{

System.out.println("no. is armstrong");

}

else

{

System.out.println("not armstrong");

}

}

2. From an array find 3rd highest value.

import java.util.Arrays;

class ThirdHighest

{

public static void main(String args[])

{

int array[]={10,20,5,80,30,66};

int size=array.length;

Arrays.sort(Array);

int max=array[size-3];

System.out.println("3rd largest element is:"+max);

}

}

3. Write a code to reverse a number.

import java.util.\*;

class Reverse

{

public static void main(String args[])

{

int a,res=0,n;

System.out.println("Enter no.");

Scanner sc=new Scanner(System.in);

n=sc.nextInt();

while(n!=0)

{

a=n%10;

res=(res\*10)+a;

n=n/10;

}

System.out.println("Reverse no."+res);

}

}