**Q1.**

import java.util.Scanner;

/\*\*

\*

\* @author manoj

\*/

public class Q1

{

public static void main(String[]args)

{

int a,b,c;

Scanner in=new Scanner(System.in);

System.out.println("Enter the values of a and b");

a=in.nextInt();

b=in.nextInt();

c=(a<b)? a:b;

System.out.println("Minimum number:"+c);

}

}

**Q2.**

package LAB1;

import java.util.Scanner;

/\*\*

\*

\* @author manoj

\*/

public class Q2

{

public static void main(String[]args)

{

int dis = 0,up,nu,amt;

double disamt,rev;

Scanner in=new Scanner(System.in);

System.out.print("Enter the unit prize:");

up=in.nextInt();

System.out.print("\nEnter the quantity of the units:");

nu=in.nextInt();

amt=nu\*up;

if((nu>=100)&&(nu<=120))

{

dis=10;

}

else if(nu>120)

{

dis=15;

}

else if(nu<100)

{

dis=0;

}

disamt=(dis/100)\*amt;

rev=(nu\*up)-disamt;

System.out.println("discount:"+dis);

System.out.println("After discount:"+disamt);

System.out.println("\nThe revenue from sale:"+rev);

}

}

**Q3.**

import java.util.Scanner;

/\*\*

\*

\* @author manoj

\*/

public class Q2

{

public static void main(String[]args)

{

int a,r,i,n,c;

c=0;

Scanner in=new Scanner(System.in);

System.out.println("Enter the value of n");

n=in.nextInt();

for(i=1;i<=n;i++)

{

a=i;

while(a!=0)

{

r=a%10;

a=a/10;

if(r==5)

{

c++;

break;

}

}

}

System.out.println("numbers containing digit 5 :"+c);

}

}

**Q4**.

import java.util.Scanner;

/\*\*

\*

\* @author manoj

\*/

public class Q4

{

public static void main(String[]args)

{

int i,n;

Scanner in=new Scanner(System.in);

System.out.println("Enter the value of n");

n=in.nextInt();

for(i=1;i<=n;i++)

{

System.out.print(" "+i);

}

}

}

**Q5.**

package LAB1;

import java.util.Scanner;

/\*\*

\*

\* @author manoj

\*/

public class Q5

{

public static void main(String[]args)

{

int i,n,sum1,sum2;

int[] a;

sum1=0;

sum2=0;

Scanner in=new Scanner(System.in);

System.out.println("Enter the no of elements");

n=in.nextInt();

a=new int[10];

for(i=1;i<=n;i++)

{

System.out.print("Enter the value of element");

a[i]=in.nextInt();

}

System.out.print("Elements in the array:");

for(i=1;i<=n;i++)

{

System.out.print(" "+a[i]);

}

for(i=1;i<=n;i++)

{

if((a[i]%2)==0)

{

sum1=sum1+a[i];

}

else

{

sum2=sum2+a[i];

}

}

System.out.println("Sum of even numbers:"+sum1);

System.out.println("Sum of odd numbers:"+sum2);

}

}