**SOLUTION:**

double t\_marks, ob\_marks=0, per;

Console.Write( "enter no of couses: ");

int n = int.Parse(Console.ReadLine());

t\_marks = n \* 50;

string[] cou\_name = new string[n];

double[] marks = new double[n];

for (int i = 0; i < n; i++)

{

Console.Write("enter course name: ");

cou\_name[i] = Console.ReadLine();

Console.Write("enter marks : ");

marks[i] =double.Parse( Console.ReadLine());

ob\_marks = ob\_marks + marks[i];

}

Console.Clear();

Console.WriteLine("COURSE NAME \t\t MARKS\n");

for (int i = 0; i < n; i++)

{

Console.WriteLine(cou\_name[i]+"\t\t"+marks[i]+"\n");

}

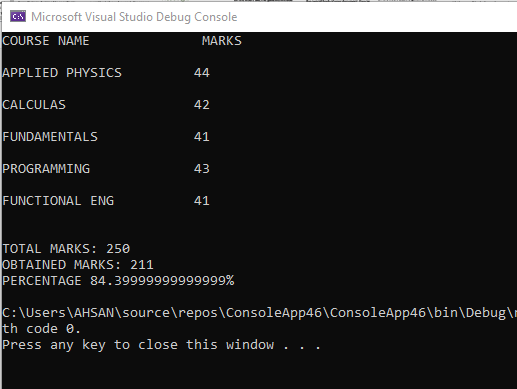
per = (ob\_marks / t\_marks) \* 100;

Console.WriteLine("\nTOTAL MARKS: "+t\_marks);

Console.WriteLine("OBTAINED MARKS: "+ ob\_marks);

Console.WriteLine("PERCENTAGE {0}%", per);

**OUTPUT:**



**SOLUTION:**

Console.Write("enter positive integer: ");

int n = Convert.ToInt32(Console.ReadLine());

int[] array = new int[n];

Console.WriteLine("enter series: ");

for (int i = 0; i < n; i++)

{

array[i] = Convert.ToInt32(Console.ReadLine());

}

bool symmetric = true;

for (int i = 0; i < array.Length/2; i++)

{

if (array[i]!=array[n-i-1])

{

symmetric = false;

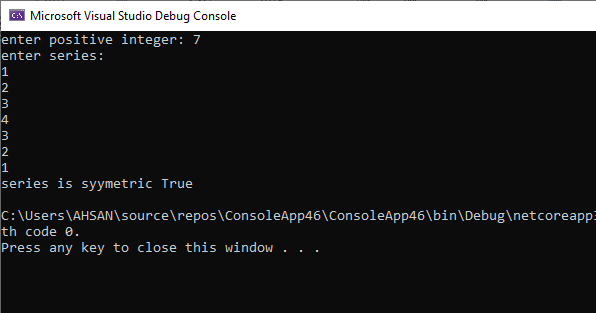
break;

}

}

Console.WriteLine("series is syymetric {0}",symmetric);

**OUTPUT:**



int n, m;

Console.Write("enter positive integer: ");

n = Convert.ToInt32(Console.ReadLine());

int[] array1 = new int[n];

Console.WriteLine("enter series for array 1: ");

for (int i = 0; i < n; i++)

{

array1[i] = Convert.ToInt32(Console.ReadLine());

}

Console.Write("enter positive integer: ");

m = Convert.ToInt32(Console.ReadLine());

int[] array2 = new int[m];

Console.WriteLine("enter series for array 2: ");

for (int i = 0; i < m; i++)

{

array2[i] = Convert.ToInt32(Console.ReadLine());

}

int a = array1.Length;

int b = array2.Length;

Console.WriteLine("length of array 1 is "+ a);

Console.WriteLine("length of array 2 is "+ b);

if (a==b)

{

for (int i = 0; i < n; i++)

{

if (array1[i]==array2[i])

{

Console.WriteLine("BOTH ARRAYS ARE SAME IN LENGTH AND ELEMENTS");

}

else

{

Console.WriteLine("BOTH ARRAYS ARE SAME IN LENGTH BUT NOT IN ELEMENTS");

}

}

}

else

{

Console.WriteLine("LENGTH OF BOTH ARRAYS ARE NOT SAME");

}

**INCOME TAX**

**SOLUTION:**

Console.Write("enter no of months: ");

int n = int.Parse(Console.ReadLine());

double m\_salary = 0, a\_salary = 0,i\_tax=0;

double comm=0;

string[,] salary = new string[n, 4];

for (int i = 0; i < n; i++)

{

Console.Write("enter your name: ");

salary[i, 0] = Console.ReadLine();

Console.Write("enter your basic salary of month {0}: ",i+1);

salary[i,1]=Console.ReadLine();

int b\_sal = int.Parse(salary[i, 1]);

Console.Write("enter your monthly sale of month {0}: ", i + 1);

salary[i,2]=Console.ReadLine();

int m\_sale = int.Parse(salary[i, 2]);

if (m\_sale>=100000&&m\_sale<250000)

{

Console.WriteLine("commision = 1.5%");

comm=m\_sale\*0.015;

}

else if (m\_sale>=250000&&m\_sale<500000)

{

Console.WriteLine("commision = 2 %");

comm = m\_sale \* 0.02;

}

else if (m\_sale>=500000)

{

Console.WriteLine("commision = 2.5%");

comm = m\_sale \* 0.025;

}

m\_salary = b\_sal + comm ;

salary[i, 3] = m\_salary.ToString();

a\_salary += m\_salary ;

Console.WriteLine("monthly salary of month {0}: {1}",i+1,m\_salary);

}

Console.Clear();

Console.WriteLine("\nNAME \t\tB\_SALARY \t M\_SALE \t M\_SALARY\n");

for (int i = 0; i < n; i++)

{

for (int j = 0; j < 4; j++)

{

Console.Write(salary[i,j]+"\t\t");

}

Console.WriteLine();

}

if (a\_salary >= 200000 && a\_salary < 300000)

{

Console.WriteLine("Income Tax = 6%");

i\_tax = a\_salary \* 0.06;

}

if (a\_salary >= 300000 && a\_salary < 450000)

{

Console.WriteLine("Income Tax = 7.5%");

i\_tax = a\_salary \* 0.075;

}

else if (a\_salary >= 450000)

{

Console.WriteLine("Income Tax = 8%");

i\_tax = a\_salary \* 0.08;

}

else

{

Console.WriteLine("\nNO tax b/c my annual salary is less then 200000");

}

Console.WriteLine("-------------------------------------------");

Console.WriteLine("\nannual salary: "+a\_salary);

Console.WriteLine("INCOME TAX OF MY ANNUAL SALARY = {0}\n",i\_tax);

Console.WriteLine("-------------------------------------------");