**/\*Roll no: 3002**

**Program name: write a program using simple message \*/**

**Code:**

using System;

namespace helloword

{

class display

{

static void Main(String [] args)

{

System.Console.WriteLine("Welcome to c#");

}

}

}

**Output**:

E:\Sahil>csc display.cs

Microsoft (R) Visual C# 2008 Compiler version 3.5.21022.8

for Microsoft (R) .NET Framework version 3.5

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E:\Sahil>display

Welcome to c#

**/\*Roll no: 3002**

**Program name: write a program to calculate all arithmetic operation\*/**

**Code**:

using System;

namespace helloword

{

class add

{

static void Main(String [] args)

{

int a,b,c;

Console.WriteLine("Enter first no");

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

Console.WriteLine("Enter second no");

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

c=a+b;

Console.WriteLine("sum={0}",c);

c=a-b;

Console.WriteLine("substraction={0}",c);

c=a\*b;

Console.WriteLine("multiplication={0}",c);

c=a/b;

Console.WriteLine("division={0}",c);

c=a%b;

Console.WriteLine("reminder={0}",c);

}

}

}

**Output**:

E:\Sahil>csc add.cs

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E:\Sahil>add

Enter first no

4

Enter second no

4

sum=8

substraction=0

multiplication=16

division=1

reminder=0

**/\*Roll no: 3002**

**Program name: write a program to calculate compound interest.\*/**

**Code**:

using System;

namespace hello

{

class compound

{

static void Main(String [] args)

{

int a,p,n,t,r;

Console.WriteLine("Enter values of p,r,n,t");

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

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

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

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

a=p\*(1+r/n)^(n\*t);

Console.WriteLine("compound intrest={0}" ,a);

}

}

}

**Output**:

E:\Sahil>csc compound.cs

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for Microsoft (R) .NET Framework version 3.5

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E:\Sahil>compound

Enter values of p,r,n,t

4

5

6

7

compound intrest=46

**/\*Roll no: 3002**

**Program name: write a program to calculate area and circumference of circle.\*/**

**Code**:

using System;

namespace hii

{

class circle

{

Static void Main(String [] args)

{

double a,c;

int r;

Console.WriteLine("Enter values of r");

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

a=3.14\*r\*r;

Console.WriteLine("area of circle="+a);

c=2\*3.14\*r;

Console.WriteLine("circumference of circle="+c);

}

}

}

**Output**:

E:\Sahil>csc circle.cs

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E:\Sahil>circle

Enter values of r

4

area of circle=50.24

circumference of circle=25.12

**/\*Roll no: 3002**

**Program name: write a program to convert centigrade temperature into flagrante.\*/**

**Code**:

using System;

namespace tempreture

{

class tempreture

{

static void Main(String [] args)

{

float cel,fah;

Console.WriteLine("Enter tempreture");

fah=Convert.ToSingle(Console.ReadLine());

cel=9/5\*fah-32;

Console.WriteLine("celcious={0}",cel);

}

}

}

**Output**:

E:\Sahil>csc tempreture.cs

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E:\Sahil>tempreture

Enter tempreture

40

celcious=8

**/\*Roll no: 3002**

**Program name: write a program to calculate gross salary if hra=20% and da=500 of**

**basic salary.\*/**

**Code**:

using System;

namespace salary

{

class salary

{

static void Main(String [] args)

{

float basic\_salary,da,hra,gross\_profit;

Console.WriteLine("Enter basic salary");

basic\_salary=Convert.ToSingle(Console.ReadLine());

da=500;

hra=basic\_salary\*20/100;

gross\_profit=basic\_salary+da+hra;

Console.WriteLine("gross profit=Rs{0}" ,gross\_profit);

}

}

}

**Output**:

E:\Sahil>csc salary.cs

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E:\Sahil>salary

Enter basic salary

4000

gross profit=Rs5300

**/\*Roll no: 3002**

**Program name: write a program to calculate square and cube of input number .\*/**

**Code**:

using System;

namespace hii

{

class square

{

static void Main(String [] args)

{

float l,a,b;

Console.WriteLine("Enter values of l");

l=Convert.ToSingle(Console.ReadLine());

a=l\*l;

Console.WriteLine("square="+a);

b=l\*l\*l;

Console.WriteLine("cube="+b);

}

}

}

**Output**:

E:\Sahil>csc square.cs

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E:\Sahil>square

Enter values of l

4

square=16

cube=64

**/\*Roll no: 3002**

**Program name: write a program to calculate addition using command line.\*/**

**Code**:

using System;

namespace addcom

{

class addcommand

{

static void Main(String []s)

{

int a,b,c;

a=Convert.ToInt32(s[0]);

b=Convert.ToInt32(s[1]);

c=a+b;

Console.WriteLine("sum={0}",c);

}

}

}

**Output**:

E:\Sahil>csc addcommand.cs

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E:\Sahil>addcommand 6 5

sum=11

**/\*Roll no: 3002**

**Program name: write a program to input three subject marks print total marks and**

**percentage using command argument. \*/**

**Code**:

using System;

namespace commarks

{

class commarks

{

static void Main(String []m)

{

int m1,m2,m3;

float tot,avg;

m1=Convert.ToInt32(m[0]);

m2=Convert.ToInt32(m[1]);

m3=Convert.ToInt32(m[2]);

tot=m1+m2+m3;

Console.WriteLine("total="+tot);

avg=tot/3;

Console.WriteLine("average="+avg);

}

}

}

**Output**:

E:\Sahil>csc commarks.cs

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E:\Sahil>commarks 90 80 70

total=240

average=80

**/\*Roll no: 3002**

**Program name: write a program for multiple main function.\*/**

**Code**:

using System;

public class class1

{

public static void Main()

{

Console.WriteLine("this is class1");

}

}

public class class2

{

public static void Main()

{

Console.WriteLine("this is class2");

}

}

**Output**:

E:\Sahil>csc multimain.cs /main:class1

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for Microsoft (R) .NET Framework version 3.5

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E:\Sahil>multimain

this is class1