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**BS (SE)**

**SUB:FROGRAMING FUNDAMENTALS LAB**

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#include<iostream.h>

#include<conio.h>

#include<math.h>

int main()

{

 float a,b,c,S=0,Area,d;

 cout<<"Enter a : "<<endl;

 cin>>a;

 cout<<"Enter b : "<<endl;

 cin>>b;

 cout<<"Enter c : "<<endl;

 cin>>c;

 S=(a+b+c)/2;

 Area=sqrt(S\*((S-a)\*(S-b)\*(S-c)));

 cout<<"Area is : "<<Area;

 getch();

 return 0;

}

#include<iostream.h>

#include<conio.h>

#include<math.h>

Int main()

{

 float Mrk,Per;

 cout<<"Enter Marks : "<<endl;

 cin>>Mrk;

 Per=(Mrk/75)\*100;

 if(Per>=60)

 {

 cout<<"Congratulate !! First Division"<<endl;

 }

 if(Per>=50 && Per<=59)

 {

 cout<<"Congratulate !! Second Division"<<endl;

 }

 if(Per>=40 && Per<=49)

 {

 cout<<"Congratulate !! Third Division"<<endl;

 }

 if(Per<40)

 {

 cout<<"Try Again : Failled"<<endl;

 }

 getch();

 return 0;

}

#include<iostream.h>

#include<conio.h>

#include<math.h>

int main()

{

 float feet=5,Inches,Yards;

 cout<<"Five Feet in (Inches) : "<<feet\*12<<endl;

 cout<<"Five Feet in (Yards) : "<<feet/3<<endl;

 getch();

 return 0;

}

#include<iostream.h>

#include<conio.h>

#include<math.h>

int main()

{

 int Sum=0;

 cout<<"2+4+6+8+10"<<endl;

 for(int j=1;j<=10;j++)

 {

 if(j%2==0)

 {

 Sum=Sum+j;

 }

 }

 cout<<"Sum of Given Series is : "<<Sum<<endl;

 getch();

 return 0;

}

#include<iostream.h>

#include<conio.h>

#include<math.h>

int main()

{

 int Tax,GrossPay,Hours,HoursRate;

 cout<<"Ente Working Hours : "<<endl;

 cin>>Hours;

 cout<<"Enter Hours rate : "<<endl;

 cin>>HoursRate;

 cout<<"--------------------------------------"<<endl;

 GrossPay=Hours\*HoursRate;

 cout<<"Gross Pay : "<<GrossPay<<endl;

 Tax=GrossPay\*0.1;

 cout<<"Net Pay : "<<GrossPay-Tax<<endl;

 cout<<"--------------------------------------"<<endl;

 getch();

 return 0;

}