11)WAP to calculate the area of square ??

Code:--

#include<iostream>

using namespace std;

class Square

{

public: void calculate()

{

cout<<"area is \n";

}

};

int main()

{

Square s1;

float A,area;

cout << "Calculate the Area of Square\n";

cin>>area;

A=area\*area;

s1.calculate();

cout<<"Area is "<<A;

}

12)WAP to calculate the area and perimeter of rectangle ??

Code:--

#include<iostream>

using namespace std;

class Ap

{

public: void calculate()

{

cout<<"Diplay the Area and Perimeter of Rectangle \n";

}

};

int main()

{

Ap ap1;

int peri,area,length,width;

cout << "Legth of Rectangle\n";

cin>>length;

cout << "width of Rectangle\n";

cin>>width;

area=length\*width;

peri=2\*(length+width);

ap1.calculate();

cout<<"Area \t\n"<<area<<endl;;

cout<<"Perimeter \t\n"<<peri<<endl;

}

13)WAP to calculate the area of circle ??

Code:--

#include<iostream>

#define pI 3.14159

using namespace std;

class Area

{

public: void calculate()

{

cout<<"area is \n";

}

};

int main()

{

Area A1;

float radius,area;

cout << "Calculate the Area \n";

cin>>radius;

A1.calculate();

cout<<"Area is "<<area;

}

14)WAP to calculate the simple interest??

Code:--

#include<iostream>

using namespace std;

class Interest

{

public: void calculate()

{

cout<<"Simple Interest is \n";

}

};

int main()

{

Interest i1;

int p,r,t,i;

cout << "Calculate the Simple Interest \n";

cout<<"Amount \n"<<"interest \n"<<"time \n"<<endl;

cin>>p>>t>>r;

i=(p\*r\*t)/100;

i1.calculate();

cout<<"Simple interest"<<i;

}

15)WAP to find the average of 5 numbers??

Code:--

#include <iostream>

using namespace std;

class Average

{

public: void find(int a,int b,int c,int d,int e)

{

cout<<"Display the Message"<<endl;

}

};

int main()

{

Average a1;

int n1,n2,n3,n4,n5,avg;

cout<<"Enter 5 numbers"<<endl;

cin>>n1>>n2>>n3>>n4>>n5;

a1.find(n1,n2,n3,n4,n5);

avg=(n1+n2+n3+n4+n5)/5;

cout<<"Average is:"<<avg<<endl;

}

16)WAP to find the size of data types in c??

Code:--

class Data

{

public: void usesizeof()

{

cout<<"Above are the Sizes of Datatypes in Bytes"<<endl;

}

};

int main()

{

cout<<"Program Starts"<<endl;

Data d1;

cout<<"size of int \t" <<sizeof(int)<<"bytes"<<endl;

cout<<"size of char \t" <<sizeof(char)<<"bytes"<<endl;

cout<<"size of float \t" <<sizeof(float)<<"bytes"<<endl;

cout<<"size of double \t" <<sizeof(double)<<"bytes"<<endl;

d1.usesizeof();

cout<<"Program ends here"<<endl;

}