Assignment - 23 A Job Ready Bootcamp in C++, DSA and IOT MySirG Basics of C++

1. Write a C++ program to print Hello MySirG on the screen.

#include<iostream>

using namespace std;

int main()

{

cout<<"Hello MySirG";

cout<<endl;

}

1. Write a C++ program to print Hello on the first line and MySirG on the second line using endl.

#include<iostream>

using namespace std;

int main()

{

cout<<"Hello \nMySirG";

cout<<endl;

}

1. Write a C++ program to calculate the sum of two num#include<iostream>

using namespace std;

int main()

{

int a,b,c;

cout<<"enter two numbers";

cin>>a>>b;

c=a+b;

cout<<"sum is "<<c;

return 0;

}

1. Write a C++ program to calculate the area of a circle

#include<iostream>

using namespace std;

int main()

{

float r,c;

float pi=3.14;

cout<<"enter radius ";

cin>>r;

c=pi\*r\*r;

cout<<"area of circle is "<<c;

return 0;

}

1. Write a C++ program to calculate the volume of a cuboid.

#include<iostream>

using namespace std;

int main()

{

float l,b,h,c;

cout<<" enter length ";

cin>>l;

cout<<" enter breath ";

cin>>b;

cout<<" enter height ";

cin>>h;

c=l\*b\*h;

cout<<"volume of cuboid is "<<c;

cout<<endl;

return 0;

}

1. Write a C++ program to calculate an average of 3 num

#include<iostream>

using namespace std;

int main()

{

int a,b,c;

float avg;

cout<<"enter three numbers";

cout<<"\n enter number1 ";

cin>>a;

cout<<" enter number2 ";

cin>>b;

cout<<" enter number3 ";

cin>>c;

avg=(a+b+c)/3;

cout<<"average of three numbers is "<<avg;

cout<<endl;

return 0;

}

1. Write a C++ program to calculate the square of a number

#include<iostream>

using namespace std;

int main()

{

float r,square;

cout<<"enter number ";

cin>>r;

square=r\*r;

cout<<"square of a numbers is "<<square;

return 0;

}

8. Write a C++ program to swap values of two int variables without using third variable

9. Write a C++ program to find the maximum of two numbers.

10. Write a C++ program to add all the numbers of an array of size 10.

#include<iostream>

using namespace std;

int main()

{

int a[10],sum;

cout<<"enter 10 numbers ";

for(int i=0; i<10;i++)

cin>>a[i];

for(int i=0;i<10;i++ )

sum=sum+a[i];

cout<<"addition is"<<sum;

return 0;

}