Assignment 23

```cpp
// Write a C++ program to print Hello MySirG on the screen
#include<iostream>
using namespace std;
int main()
{
    cout<<"Hello";
    return 0;
}
```

```cpp
// 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"<<endl<<"MySirG"<<endl;
    return 0;
}
```

```cpp
// Write a C++ program to calculate the sum of two numbers
#include<iostream>
using namespace std;
int main()
{
    int a,b;
    cin>>a>>b;
    cout<<"Sum of two number is "<<(a+b)<<endl;
    return 0;
}
```

```cpp
// Write a C++ program to calculate the area of a circle
#include<iostream>
using namespace std;
int main()
{
    int radius;
    cout<<"Enter radius : ";
    cin>>radius;
    cout<<"Area of circle is : "<<3.14*radius*radius<<endl;
    return 0;
}
```

```cpp
// Write a C++ program to calculate the volume of a cuboid
#include<iostream>
using namespace std;
int main()
{
    int L,W,H;
    cout<<"Enter Length,Width and Heigh "<<endl;
    cin>>L>>W>>H;
    cout<<"VOlume of cuboid is "<<L*H*W;
}
```

```cpp
// Write a C++ program to calculate an average of 3 numbers.
#include<iostream>
using namespace std;
int main()
{
    float a,b,c;
    cin>>a>>b>>c;
    cout<<"Average of three numbers is "<<(a+b+c)/3<<endl;
}
```

```cpp
// Write a C++ program to calculate the square of a number
#include<iostream>
using namespace std;
 int main()
 {
    int num;
    cin>>num;
    cout<<"Square of "<<num<<" is "<<num*num<<endl;
    return 0;
 }
```

```cpp
// Write a C++ program to swap values of two int variables without using third
variable
#include<iostream>
using namespace std;
int main()
{
    int a=2,b=3;
    a=a+b;
    b=a-b;
    a=a-b;
    cout<<"a = "<<a<<endl<<"b = "<<b;
    return 0;
}
```

Assignment 23

```cpp
// Write a C++ program to find the maximum of two numbers.

#include<iostream>
using namespace std;
int main()
{
    int a,b;
    cin>>a>>b;
    cout<<"Maximum number is "<<(a>b?a:b)<<endl;
}
```

```cpp
// 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=0;
    for(int i=0;i<10;i++)
        {cin>>a[i];sum+=a[i];}
    cout<<"Sum of 10 number is "<<sum<<endl;
    return 0;
}
```