

Assignment - 23

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

```
#include<iostream>

using namespace std;
int main()
{
    cout<<"Hello MySirG";
    return 0;
}
```

2. 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";

    return 0;
}
```

3. Write a C++ program to calculate the sum of two numbers.

```
#include<iostream>

using namespace std;
int main()
```

```
{  
    int a=20,b=10;  
    cout<<a+b;  
    return 0;  
}
```

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

```
#include<iostream>  
  
using namespace std;  
int main()  
{  
    int r=3;  
    float area = 3.14*r*r;  
    cout<<"Area of circle = "<<area;  
    return 0;  
}
```

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

```
#include<iostream>  
  
using namespace std;  
int main()  
{  
    int l,w,h;  
    l=3,w=4,h=6;  
    cout<<"volume of cuboid = "<<w*h*l;  
    return 0;  
}
```

6. Write a C++ program to calculate an average of 3 numbers.

```
#include<iostream>

using namespace std;
int main()
{
    int a,b,c,avg;
    a=4,b=6,c=8;
    avg = (a+b+c)/3;
    cout<<"Average = "<<avg;
    return 0;
}
```

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

```
#include<iostream>

using namespace std;
int main()
{
    int a;
    cout<<"Enter a number = ";
    cin>>a;
    cout<<"Square is = "<<a*a;
    return 0;
}
```

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

```
#include<iostream>
```

```

using namespace std;
int main()
{
    int a,b;
    cout<<"Enter two number = ";
    cin>>a>>b;
    a = a+b;
    b = a-b;
    a = a-b;
    cout<<"After swapping number = "<<a<<" "<<b;
}

```

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

```

#include<iostream>

using namespace std;
int main()
{
    int a,b;
    cout<<"Enter two number = ";
    cin>>a>>b;
    if(a>b)
        cout<<"Max is = "<<a;
    else
        cout<<"Max is = "<<b;
}

```

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] = {2,4,1,3,4,6,6,3,6,8};
    int i,sum = 0;
    for(i=0;i<=9;i++)
    {
        sum = sum + a[i];
    }
    cout<<"sum = "<<sum;
    return 0;
}
```