ASSIGNMENT-1

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*BASIC OF C++ \*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

#include<iostream>

using namespace std;

int main()

{

  cout<<"MySirg";

}

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";

}

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

#include<iostream>

using namespace std;

int main()

{

   int a,b;

  cout<<"Enter two numbers:";

  cin>>a>>b;

  cout<<"Sum is "<<a+b;

}

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

#include<iostream>

using namespace std;

int main()

{

   int a,b;

  cout<<"Enter radius of circle:";

  cin>>a;

  cout<<"Area is "<<3.14\*a\*a;

}

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

#include<iostream>

using namespace std;

int main()

{

   int a,b,c;

  cout<<"Enter length width and hight of cuboid:";

  cin>>a>>b>>c;

  cout<<"volume "<<a\*b\*c;

}

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

#include<iostream>

using namespace std;

int main()

{

   int a,b,c;

  cout<<"Enter three numbers:";

  cin>>a>>b>>c;

  cout<<"Average is "<<a+b+c/3.0;

}

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

#include<iostream>

using namespace std;

int main()

{

   int a;

  cout<<"Enter numbers:";

  cin>>a;

  cout<<"Square is "<<a\*a;

}

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 numbers:";

  cin>>a>>b;

  a=a+b;

  b=a-b;

  a=a-b;

  cout<<a<<endl<<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 numbers:";

  cin>>a>>b;

  if(a>b)

   cout<<a<< " is greater";

  else

   cout<<b<<" is greater";

}

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=0;

  cout<<"Enter all numbers:";

  for(int i=0;i<10;i++){

   cin>>a[i];

   sum=sum+a[i];

   }

   cout<<"Sum is "<<sum;

}