

C++ PROGRAMS

Basic

C++ "Hello, World!" Program

```
#include<iostream>
using namespace std;
int main()
{
    cout<<"Hello, World!";
    return 0;
}
```

C++ Program Add Two Integers

```
#include<iostream>
using namespace std;
int main()
{
    int number1, number2, sum;
    cout << "Enter two integers: ";
    cin >> number1 >> number2;
    sum = number1 + number2;
    cout << "sum is" << number1 << " + " << number2 << " = " << sum;
    return 0;
}
```

C Program to Compute Quotient and Remainder

```
#include<iostream>
using namespace std;
int main()
{
    int dividnd, divisor, quotient, remainder;
    cout<<"Enter dividnd:";
    cin>>dividnd;
    cout<<"Enter divisor: ";
    cin>>divisor;
    quotient = dividnd / divisor;
    remainder = dividnd % divisor;
    cout<<"Quotient = " << quotient;
    cout<<"Remainder = " << remainder;
    return 0;
}
```

Write a program to enter mark of 6 different subjects and find out the total mark (Using cin and cout statement)

```
#include<iostream>
using namespace std;
int main()
```

```

{
int sub1,sub2,sub3,sub4,sub5,sub6,total;

cout<<"enter marks of sub1";

cin>>sub1;

cout<<"enter marks of sub2 ";

cin>>sub2;

cout<<"enter marks of sub3";

cin>>sub3;

cout<<"enter marks of sub4";

cin>>sub4;

cout<<"enter marks of sub5";

cin>>sub5;

cout<<"enter marks of sub6";

cin>>sub6;

total=sub1+sub2+sub3+sub4+sub5+sub6;

cout<<"Total is"<< total;

return 0;
}

```

C++ Program to Swap Two Numbers.

```

#include<iostream>
using namespace std;

int main()
{
    int num1, num2, temp;
    cout<<"Enter 1st Number: ";
    cin>>num1;
    cout<<"Enter 2nd Number: ";
    cin>>num2;
    cout<<"Before Swapping: 1st Number: "<< num1 <<" 2nd Number: "<< num2;
    temp=num1;
    num1=num2;
    num2=temp;

    cout << "\nAfter swapping." << endl;
    cout << "1st Number: "<< num1 <<" 2nd Number: "<< num2;

    return 0;
}

```