

## Assignment no : 1

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Batch : A-2

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Problem Statement : Swapping of two nos. without using third variable in CPP

Code :

```
#include <iostream>
using namespace std;
int main() {
    int a,b;
    cout<<"Enter a : ";
    cin>>a;
    cout<<"Enter b : ";
    cin>>b;
    a = a + b;
    b = a - b;
    a = a - b;
    cout<<"a is : "<<a<<endl;
    cout<<"b is : "<<b;
}
```

Output :

```
d_comp_pl_ii_11@d-comp-pl-ii-11:~$ g++ Main.cpp -o m
d_comp_pl_ii_11@d-comp-pl-ii-11:~$ ./m
Enter a : 20
Enter b : 30
a is : 30
b is : 20d_comp_pl_ii_11@d-comp-pl-ii-11:~$ ^C
```