Parameter Passing Methods

Three parameter passing methods are supported by C++

Pass-By-Value : values of Actual parameters are passed to formal parameters. Actual parameters cannot be modified by function

Pass-By-Address: Address of Actual Parameters are passed to a function, formal parameters must be pointers. Function can indirectly access actual parameters.

Pass-By-Reference: Actual parameters are passed as reference to formal parameters, function can modify actual parameters.

Program for Call by Value

- Value of actual parameters are copied in formal parameters
- If any changes done to formal parameters in function, they will not modify actual parameters

```
Void swap(int a, int b)
{
        int temp;
        temp=a;
        a=b;
        b=temp;
}

Int main()
{
        int x=10, y=20;

        swap(x,y);
        cout<<x<<y;
}
```