

```

1: //Polymorphism
2: //polymorphism introduced to tackle multiple methods with same name in one
   class
3: //poly : many
4: //morphism :forms
5:
6: //There are two type of Polymorphism
7: //(1) Method Overloading
8: //(2)Method Overriding
9:
10: //(1)Method Overloading is : In which to tackle multiple methods with same
    name
11:
12: //Method Overloading
13: #include<iostream>
14: using namespace std;
15:
16: class A{
17:     public:
18:         myfun(int a){
19:             cout<<"Hello"<<endl;
20:         }
21:
22:         myfun(int a, int b){
23:             cout<<"Hello this function with two parameter"<<endl;
24:         }
25:
26:         myfun(string a){
27:             cout<<"Hello this is string"<<endl;
28:         }
29:
30:         myfun(){
31:             cout<<"Hello I am blank function without parameter"<<endl;
32:         }
33: };
34:
35: main(){
36:     A obj;
37:     obj.myfun(10);
38:     obj.myfun(10,20);
39:     obj.myfun("Hello");
40:     obj.myfun();
41: }

```