Constructors in inheritance

- Constructors of base class is executed first then the constructor of derived class is executed.
- By default, non-parameterised constructor of base class is executed.
- parameterised constructor of base class must be called from derived class constructor

Explain using base and derived class

```cpp
#include <iostream>
using namespace std;

class Base
{
public:
    Base(){cout<<"Non-param Base"<<endl;}
    Base(int x){cout<<"Param of Base "<<x<<endl;}
};
class Derived:public Base
{
public:
    Derived(){cout<<"Non-Param Derived"<<endl;}
    Derived(int y){cout<<"Param of Derived "<<y<<endl;}

    Derived(int x,int y):Base(x)
    {
        cout<<"Param of Derived "<<y<<endl;

    }
};

int main()
{
    Derived d(5,10);
}
```