**INHERITANCE IN C++**

Will fall under the \_\_\_\_\_\_\_\_\_\_ section of the Sub class.

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| --- | --- | --- | --- |
| When inherited using the Access Spicifier | Private | Protected | public |
| Base class members from |
| Private section | Not visible in Sub class | Not visible in Sub class | Not visible in Sub class |
| Protected section | Private | Protected | Protected |
| Public section | Private | Protected | Public |

NOTE:

1. All the members (data and functions) of the base class are always inherited into the Sub class (irrespective of the access specifier)
2. The constructors are also inherited by the derived class. However they must be accessed in the same class where they are defined.
3. Further, the static members too are inherited, however, again, they must be accessed where they are defined.
4. Lastly, the static methods and cons, since they cannot be accessed in the child class, they cannot be over-rdden.