**Static and instance members of class in Csharp**

**Instance member:**

**-instance member have a separate copy for each and every object of the class.**

**-instance member belongs to the objects of the class.**

**-when no static keywords is presents the class member is called non-static or instance member.**

**-instance or non-static members are invoked using objects of the class.**

**Static member:**

**-static members belongs to the class.**

**-we can define members as static using static keywords.**

**-when we declare a member of a class as static, it means no matter how many objects of the class are created , there is only one copy of the static members.**

**-static variables are used for defining constants because their values can be retrieved by invoking the class without creating an instance(object) of it.**

**-static variables can be initialized outside the member function or class definition.**

**-you can also initialized static variables inside the class definition.**

**-you can also declare a member function as static.**

**-such functions can access only static variables.**

**-static members are invoked using class name.**

**NOTE: class members can be fields ,methods ,properties , events, indexers, constructor.**