**TYPES OF DELEGATES IN C#**

* MULTIPLE DELEGATES
* SINGLE CAST DELEGATES
* MULTI CAST DELEGATES

1. **MULTIPLE DELEGATES:**

In C#, a user can invoke multiple delegates within a single program. Depending on the delegate name or the type of parameters passed to the delegate, the appropriate delegate is invoked.

1. **SINGLE CAST DELEGATES:**

Singlecast delegate point to single method at a time. In this the delegate is assigned to a single method at a time. They are derived from System.Delegate class.

1. **MULTI CAST DELEGATES:**

When a delegate is wrapped with more than one method that is known as a multicast delegate.

In C#, delegates are multicast, which means that they can point to more than one function at a time. They are derived from System.MulticastDelegate class.

We can use += and -= assignment operators to implement multi cast delegates.