**Diff between abstract class and interface**

1)abstract class contains abstract and non abstract methods whereas in inteface contains only non abstract methods.

2)abstract class dosent allow multiple inheritance whereas in inteface allows multiple inheritance.

3)Syntax.

**Garbage Collection**

1)in c and c++ we manually allocate and deallocate memory.but in c# we have good feacture like garbage collector which comes under

CLR.

2)Whenever we create object it allocates the memeory for that object in memory.whenerver it destroyed or unused garbage collector deallocate memory of

that object.

3) gen 0=live objects, gen 1=medium live objects, gen 3 is the most live objects.

**Managed and unmanaged code**

Managed :

1)program runs under CLR and dot net framework which is knows as managed code.

2)It provides type checking,garbage collection memory management features.

unmanaged code :

1)Programs dont run under dot net framework called as unmanaged code.

2)It does not provides type checking,garbage collection etc.

**CLR common language runtime :**

1)CLR comes under dot net framework.

2)CLR converts the code into native code means machine readable form.

3)CLR provides features like Grabage collection, memory management, type checking etc.

4)CLR responsible of execution of a program and also provides multilanguage execution environment.

5)c# => language Compiler => MSIL(Microsoft intermediate language) => JIT(just in time compiler) => JIT converts the code into machine readable code or form.

