Note: -

1. C------extension ------cpp--------extension c#

2. Project

–modules

1. Suppose you want develop an medical app through c, then develop app for windows, mac, linux,

2. Windows medical app developed by c language –works on windows only

3. Linux medical app developed by c language –works on Linux only

4. Windows medical app developed by c language – does not works on Linux

-----------------Because each os and processor is different from each other .

------------------------------This drawback is referred as platform dependent.

Astrani Company

50 Members

25- c#

25-Cpp

--Client came with an web project and said he want fast outcome,

---Total 50 modules in these project, so I decided 25 modules for sharp and 25 modules for cpp teams members but the problem is

5. C #----c # compile----------machine code

6. phyton--- phthon compiler---------machine code

Note- We can’t edit, or reuse machine code.

7. But here in these project we have to combine both c# and phython modules, how-?

Sol- Dot net, in .net

Picture

8.So dot net is language independent

Csharp-

1. Object oriented language- more security Ex- c#, java

2. Platform independent language – for all types of applications we can develop Ex- c#, java

3. Developed by Microsoft, according to international standards

4. C, cpp are not object oriented and platform independent languages , hence they are called as procedural languages. Ex-cabal, c,

5. Anders Hejlsberg lead development of object oriented languages.

6. Design goals of c#

- It is simple, modern, and object oriented.

- It is suitable for cui and gui

- It is suitable for web, mobile, distributed and embedded systems.

7. C# Versions -1.5,2,3,4,5,7,8

Introduction to Program