Types of array in C#:

1 dimensional , 2d ,  **jagged array**

**Jagged array :**

No. of rows is fixed but no. of columns varies depending upon requirement i.e it is entered by user

Base class in C# is object class.

Array is the base class for any type of array

//one way of declaring an array

int[] x = new int[3];

int[0]=10;

int[1]=20;

int[2]=30;

//2nd way

int[] y=new int[3] {10,20,30};

//3rd way

int[] z={10,20,30,40,50,60};

Q) Difference b/w for and foreach loop

1)for loop works on indexes and foreach loop works on values

2)for loop is read only and write only both and foreach is read only

3)for loop is forward and backward directed both and foreach loop is forward directed only