

DAY 6 MORNING PROJECTS(31/01/2022)

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Q10) Write example programs for implicit and explicit type casting.

IMPLICIT TYPE CASTING

When we need convert a small datatype value to a large datatype value of a program is called as implicit type casting.

EXAMPLE:

Char>int>long>float>double

```
static void Main(string[] args)
{
    short a = 25;

    int b = 15;
    long c = a + b;
    Console.WriteLine(c);
    Console.ReadLine();
}
```

EXPLICIT TYPE CASTING

When we need to convert a large datatype value to small datatype value of a program , so this we can convert to the datatype is call explicit type casting.

EXAMPLE:

Double>float>long>int>char

```
static void Main(string[] args)
{
    int a = 10;
    int b = 15;
    int c = a + b;

    short c = (int)d;
}
```


Q3) What are the disadvantage of Arrays(Collections).

- **If there is assign wrong datatype we get a run-time error. Run-time Errors are danger that compile error.**
- **We need to convert the object type back to integer type,because collections are object datatypes.**
- **Every time to do boxing and unboxing**