

## Array of Objects

- Like array of user-defined data types, an array of type class can also be created.
- Array of type "class" is known as array of objects.
- An array of \_\_\_\_\_ is declared in the same way as an array of an built-in data type

Syntax:- class name array name [size];

- An object of class represents a single record in memory, if we want more than one record of class type, we have to create an array of class or object.

Example:-

```
#include <iostream.h>
#include <conio.h>
class emp
{
```

```
int eid, esalary;  
char ename [40];  
public:  
void input ()  
{  
    cout << "Enter employee details" << endl;  
    cin >> eid >> esalary >> ename;  
}
```

```
void show ()  
{  
    cout << "Employee Id is" << eid << endl;  
    cout << "Employee salary is" << esalary;  
    cout << "In employee name is" << ename;  
}
```

```
}
```

```
void main ()  
{
```

```
    emp ob [3];
```

```
    int i;
```

```
    for (i=0; i<3; i++)
```

```
    {
```

```
        ob[i].input ();
```

```
    }
```

```
    for (i=0; i<3; i++)
```

```
    {
```



obj[1].show(),

y

getch(),

y

(In the above example, we are getting and displaying the data of 3 employee using array of object).

