**OOP Lab Task 08 (Wgt: 4)**

**Qno1:**

* Understand the dynamic array (A basic example should be implement in ide):

## Creating a Dynamic array in a Class with a Copy Constructor

**Qno2**: Write a program in C++ where there is a class named Favourite\_Songs, it contains the size of the array (string array) and a pointer to dynamic array of strings containing the song names. The class should have a methods for adding a new song **addSong(string song).** This method will create another array of size+1, copy the values from the previous array into that array along with the new song), deleteing a song (now think of the logic to delete a song and update the array), updating the song, printing the songs. Make use of the new and delete keyword where required. The program must have a copy constructor that creates a deep copy of the object passed. Copy constructor should be called when the user selects Create backup of the songs.The class should also have the destructor. Release all the memory where needed using the delete keyword.

**Note:** You must do the tasks in separate header, and cpp files.