OOP Lab Task 06

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.

```
Enter the new song name: Infinity by James
1. Add a song
2. Delete a song
3. Update a song
4. Print all songs
5. Create Backup of Songs
6. Exit
Enter your choice: 4
Demons
Infinity by James
1. Add a song
2. Delete a song
3. Update a song
4. Print all songs
5. Create Backup of Songs
6. Exit
Enter your choice: 5

Backup Created
Demons
Infinity by James

Object Destroyed
1. Add a song
2. Delete a song
3. Update a song
4. Print all songs
5. Create Backup of Songs
6. Exit
Enter your choice:
```