TOP 40 Struct

We want to provide a program where a user can search for all songs on the top 40 by artist or a particular song by title. Your task is to create a struct called song that consists of a songTitle and an artist.

Your program will read in the top 40 songs from the file top40.txt using the function:

void initSongs(ifstream& inputFile, song arr[ ], unsigned int arrSize);

You should also have a display function that displays all of the songs.

void displaySongs(song arr[ ], unsigned int arrSize);

The function below will display all song titles by a certain artist on the top 40 list

void searchForSongsByArtist(song arr[], unsigned int arrSize, string artist);

The function below returns a song from the array that has the matching title.

song searchForSongByTitle(song arr[], unsigned int arrSize, string title);

We want a menu interface that has the following options:

       D – Display top 40 songs

       T – Search and display song information with a title

       S – Display all songs by an artist

       Q – Quit program