Exercise

Write a program that’s takes in 10 strings containing MP3 filenames and stores the artist ant title in an array of structs to be displayed.

**Input:**

artist-title.mp3

assume:

the input will be less than 80 characters

artist and title wont have dashes

**Requirements:**

Define a struct called songinfo that has 2 fields

* Pointer to string for artist
* Pointer to string for title

Pointers will be set up by malloc once you know the size of the string

Define songinfo before any functions

In main(), declare an array variable of *struct songInfo* of size 10

Write a function that takes a **pointer to a *struct songInfo*** (which is a pointer to an element of the array) and a string and gets song information from the string, filling in the array element.

Note the data type of the first parameter. You are taking in a pointer to a struct, not an array and not a struct.

This function is also where you will allocate the two blocks of memory to contain the artist string and title string.

Write a function that takes the array of structs as a parameter and prints all of the information contained within the array in a nicely formatted fashion, one song per line.

You must use printf() width specifiers to help with your formatting.

Both of the preceding functions should be called from main().

Note that the first function must be called once for each song string while the second function must be called only once in total.