Music Playlist Manager

Create a menu-driven music playlist manager program using a singly linked list to manage your favorite songs. Each song in the playlist will have a name.

The program should offer the following options:

- **Add a Song:** When the user adds a song, the program should ask the name of the song, after that the user will be prompted to specify its "favorite level." They can choose from the following options:
    1. (Top Favorite): The song will be inserted at the beginning of the playlist.
    2. (Lease Favorite): The song will be inserted at the end of the playlist.
    3. Somewhere between (let me specify the number): If the user selects a custom favorite level (e.g., 2 to 4), the program will display valid priority levels based on the current number of songs in the playlist (e.g., 2 to 5 for a playlist of 5 songs). The song will be inserted at the specified custom priority position.
- **Delete a Song:** Users can remove a song from the playlist by entering its name/ position (depends on you).
- **Search for a Song:** Users can search for a song by its name and display the name and level of how much favorite it is.
- **Update a song name:** Thie function will take the song number, and the new name, and update the song name on that position.
- **Print Playlist:** This option will display the entire playlist with song names.
- **Play Song:** Users can start playing songs from the beginning of the playlist. When the user clicks on Play Song, play the first song in the list. After that the user can select the option of **play next song**, so the program will play the next song from the list (just a simulation by displaying the song name.
- **Exit:** Exit the program.

Note: After each insertion, update, or removal operation, print the playlist. Your program should have all the checks for invalid input. The update song option is not showed in the sample output, but you must implement it in your code, and display the menu accordingly.

Sample Output:

```
Select an option:
1). Add a song
2). Delete a song
3). Print Playlist
4). Search a song
5). Start playlist
1
Enter the song name:
Demons - by Imagine Dragons
How much favourite it is?
1). Top favourite
2). Least favourite
3). Somewhere between, let me specify the number
1

Playlist:
1). Demons - by Imagine Dragons

Select an option:
1). Add a song
2). Delete a song
3). Print Playlist
4). Search a song
5). Start playlist
1
Enter the song name:
Infinity - by James Young
How much favourite it is?
1). Top favourite
2). Least favourite
3). Somewhere between, let me specify the number
2

Playlist:
1). Demons - by Imagine Dragons
2). Infinity - by James Young
```

```
Select an option:
1). Add a song
2). Delete a song
3). Print Playlist
4). Search a song
5). Start playlist
1
Enter the song name:
Faded - by Alan Walker
How much favourite it is?
1). Top favourite
2). Least favourite
3). Somewhere between, let me specify the number
1

Playlist:
1). Faded - by Alan Walker
2). Demons - by Imagine Dragons
3). Infinity - by James Young

Select an option:
1). Add a song
2). Delete a song
3). Print Playlist
4). Search a song
5). Start playlist
1
Enter the song name:
Who says - by Selena Gomez
How much favourite it is?
1). Top favourite
2). Least favourite
3). Somewhere between, let me specify the number
3
Rate how much favourite it is from 2 to 3
2

Playlist:
1). Faded - by Alan Walker
2). Who says - by Selena Gomez
3). Demons - by Imagine Dragons
4). Infinity - by James Young
```

```
Select an option:
1). Add a song
2). Delete a song
3). Print Playlist
4). Search a song
5). Start playlist
2
Select the song number to delete

Playlist:
1). Faded - by Alan Walker
2). Who says - by Selena Gomez
3). Demons - by Imagine Dragons
4). Infinity - by James Young
3

Playlist:
1). Faded - by Alan Walker
2). Who says - by Selena Gomez
3). Infinity - by James Young

Select an option:
1). Add a song
2). Delete a song
3). Print Playlist
4). Search a song
5). Start playlist
4
Enter the song name to search
Who says - by Selena Gomez
Song exists in your playlist

Select an option:
1). Add a song
2). Delete a song
3). Print Playlist
4). Search a song
5). Start playlist
5
Now playing....
Faded - by Alan Walker
Wanna play the next song?
1). Yes
2). No
1
Now playing....
Who says - by Selena Gomez
```