```python
class SongNode:
    def __init__(self, title, artist):
        self.title = title
        self.artist = artist
        self.next = None

class Playlist:
    def __init__(self):
        self.head = None

    def insert_front(self, title, artist):
        new_song = SongNode(title, artist)
        new_song.next = self.head
        self.head = new_song
        print(f'Song "{title}" inserted at the front.')

    def insert_back(self, title, artist):
        new_song = SongNode(title, artist)
        if not self.head:
            self.head = new_song
        else:
            current = self.head
            while current.next:
                current = current.next
            current.next = new_song
        print(f'Song "{title}" inserted at the back.');

    def insert_after(self, after_title, title, artist):
        current = self.head
        while current:
            if current.title == after_title:
                new_song = SongNode(title, artist)
                new_song.next = current.next
                current.next = new_song
                print(f'Song "{title}" inserted after "{after_title}".')
                return
            current = current.next
        print(f'Song "{after_title}" not found. Cannot insert "{title}".')

    def delete_front(self):
        if not self.head:
            print("Playlist is empty. Nothing to delete at front.")
            return
        removed = self.head
        self.head = self.head.next
        print(f'Song "{removed.title}" removed from front.')

    def delete_back(self):
        if not self.head:
            print("Playlist is empty. Nothing to delete at back.")
            return
        if not self.head.next:
            removed = self.head
            self.head = None
            print(f'Song "{removed.title}" removed from back (only song).')
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        return
    current = self.head
    while current.next.next:
        current = current.next
    removed = current.next
    current.next = None
    print(f'Song "{removed.title}" removed from back.')

def delete_middle(self, title):
    current = self.head
    prev = None
    while current:
        if current.title == title:
            if prev:
                prev.next = current.next
            else:
                self.head = current.next
            print(f'Song "{title}" removed from playlist.')
            return
        prev = current
        current = current.next
    print(f'Song "{title}" not found in playlist.')

def main():
    playlist = Playlist()
    while True:
        print("\n--- Playlist Menu ---")

def display_playlist(self):
    if not self.head:
        print("Playlist is empty.")
        return
    current = self.head
    idx = 1
    print("\nPlaylist:")
    while current:
        print(f"{idx}. {current.title} - {current.artist}")
        current = current.next
        idx += 1
    print()

def search_song(self, title):
    current = self.head
    while current:
        if current.title == title:
            print(f'Found "{title}" by {current.artist} in the playlist.')
            return
        current = current.next
    print(f'Song "{title}" not found in playlist.')

        print("1. Insert song at front")
        print("2. Insert song at back")
        print("3. Insert song after a song")
        print("4. Delete song from front")
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        print("5. Delete song from back")

        print("6. Delete a specific song by title")

        print("7. Display playlist")

        print("8. Search song by title")

        print("9. Exit")

        choice = input("Enter your choice (1-9): ")

        if choice == '1':

            title = input("Enter song title: ")

            artist = input("Enter artist name: ")

            playlist.insert_front(title, artist)

        elif choice == '2':

            title = input("Enter song title: ")

            artist = input("Enter artist name: ")

            playlist.insert_back(title, artist)

        elif choice == '3':

            after_title = input("Enter the title of the
song to insert after: ")

            title = input("Enter new song title: ")

            artist = input("Enter artist name: ")

            playlist.insert_after(after_title, title,
artist)

        elif choice == '4':

            playlist.delete_front()

        elif choice == '5':

            playlist.delete_back()

        elif choice == '6':

            title = input("Enter the title of the song
to delete: ")

            playlist.delete_middle(title)

        elif choice == '7':

            playlist.display_playlist()

        elif choice == '8':

            title = input("Enter the title of the song
to search: ")

            playlist.search_song(title)

        elif choice == '9':

            print("Exiting... Goodbye!")

            break

        else:

            print("Invalid choice! Please enter a
number between 1 and 9.")

if __name__ == "__main__":

    main()
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--- Playlist Menu ---
1. Insert song at front
2. Insert song at back
3. Insert song after a song
4. Delete song from front
5. Delete song from back
6. Delete a specific song by title
7. Display playlist
8. Search song by title
9. Exit
Enter your choice (1-9): 1
Enter song title: sara sara
Enter artist name: harini
Song "sara sara" inserted at the front.

--- Playlist Menu ---
1. Insert song at front
2. Insert song at back
3. Insert song after a song
4. Delete song from front
5. Delete song from back
6. Delete a specific song by title
7. Display playlist
8. Search song by title
9. Exit
Enter your choice (1-9): 2
Enter song title: adiyae
Enter artist name: kanni
Song "adiyae" inserted at the back.
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--- Playlist Menu ---
1. Insert song at front
2. Insert song at back
3. Insert song after a song
4. Delete song from front
5. Delete song from back
6. Delete a specific song by title
7. Display playlist
8. Search song by title
9. Exit
Enter your choice (1-9): 6
Enter the title of the song to delete: sow
Song "sowmiya" not found in playlist.

--- Playlist Menu ---
1. Insert song at front
2. Insert song at back
3. Insert song after a song
4. Delete song from front
5. Delete song from back
6. Delete a specific song by title
7. Display playlist
8. Search song by title
9. Exit
Enter your choice (1-9): 7
Playlist is empty.

--- Playlist Menu ---
1. Insert song at front
2. Insert song at back
3. Insert song after a song
4. Delete song from front
5. Delete song from back
6. Delete a specific song by title
7. Display playlist
8. Search song by title
9. Exit
Enter your choice (1-9): 8
Enter the title of the song to search: adi
Song "adiyae" not found in playlist.
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--- Playlist Menu ---
1. Insert song at front
2. Insert song at back
3. Insert song after a song
4. Delete song from front
5. Delete song from back
6. Delete a specific song by title
7. Display playlist
8. Search song by title
9. Exit
Enter your choice (1-9): 3
Enter the title of the song to insert after:
Enter new song title: sowmiya
Enter artist name: meenu
Song "neeyum nanum" not found. Can

--- Playlist Menu ---
1. Insert song at front
2. Insert song at back
3. Insert song after a song
4. Delete song from front
5. Delete song from back
6. Delete a specific song by title
7. Display playlist
8. Search song by title
9. Exit
Enter your choice (1-9): 4
Song "sara sara" removed from front.

--- Playlist Menu ---
1. Insert song at front
2. Insert song at back
3. Insert song after a song
4. Delete song from front
5. Delete song from back
6. Delete a specific song by title
7. Display playlist
8. Search song by title
9. Exit
Enter your choice (1-9): 5
Song "adiyae" removed from back (only
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--- Playlist Menu ---
1. Insert song at front
2. Insert song at back
3. Insert song after a song
4. Delete song from front
5. Delete song from back
6. Delete a specific song by title
7. Display playlist
8. Search song by title
9. Exit
Enter your choice (1-9): 9
Exiting... Goodbye!
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```