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class node:
    def __init__(self):
        self.value = None
        self.next = None

class SLL:
    def __init__(self):
        self.head = node()
        self.size = 0

    def InsertAt(self, value, pos):
        t = node()
        t.value = value

        if (self.size == 0 and pos == 0):
            self.head = t
            self.size += 1
            return True

        elif (pos == 0):
            t.next = self.head
            self.head = t
            self.size += 1
            return True

        elif (pos <= self.size and self.size != 0):
            temp = self.head
            for i in range (pos - 1):
                temp = temp.next
            t.next = temp.next
            temp.next = t
            self.size += 1
            return True

        else:
            print("Invalid insertion")

    def DeleteAt(self, pos):
        if (pos <= self.size and self.size != 0):
            temp = self.head
            for i in range (pos - 1):
                temp = temp.next
            temp.next = temp.next.next
            self.size -= 1

        else:
            print("Empty list")

    def PrintAt(self, pos):

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if (pos <= self.size and self.size != 0):
    temp = self.head
    for i in range (pos - 1):
        temp = temp.next
    print(temp.value)
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else:
    print("Data not found")
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def Print(self):
    temp = self.head
    for i in range (self.size):
        print(temp.value)
        temp = temp.next
```

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Playlist_1 = SLL()
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while True:
    print("1.Create a playlist\n2.Insert a new song\n3.Delete a song\n4.Select a song\n5.Display\nplaylist\n6.Exit")
    opt = int(input("Choose an option (1 - 6): "))
```

```
match opt:
    case 1:
        limit = int(input("Enter no. of songs: "))
        for i in range (0, limit):
            song = input("Enter song name: ")
            flag = Playlist_1.InsertAt(song, i)
            if (flag):
                print("Song added successfully")
```

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case 2:
    pos = int(input("Enter position: "))
    song = input("Enter song name: ")
    Playlist_1.InsertAt(song, pos - 1)
```

```
case 3:
    pos = int(input("Enter position: "))
    Playlist_1.DeleteAt(pos - 1)
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case 4:
    pos = int(input("Enter position: "))
    Playlist_1.PrintAt(pos - 1)
```

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case 5:
    Playlist_1.Print()
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case 6:
    break
```

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case _:
    print("Choose a valid option")
```