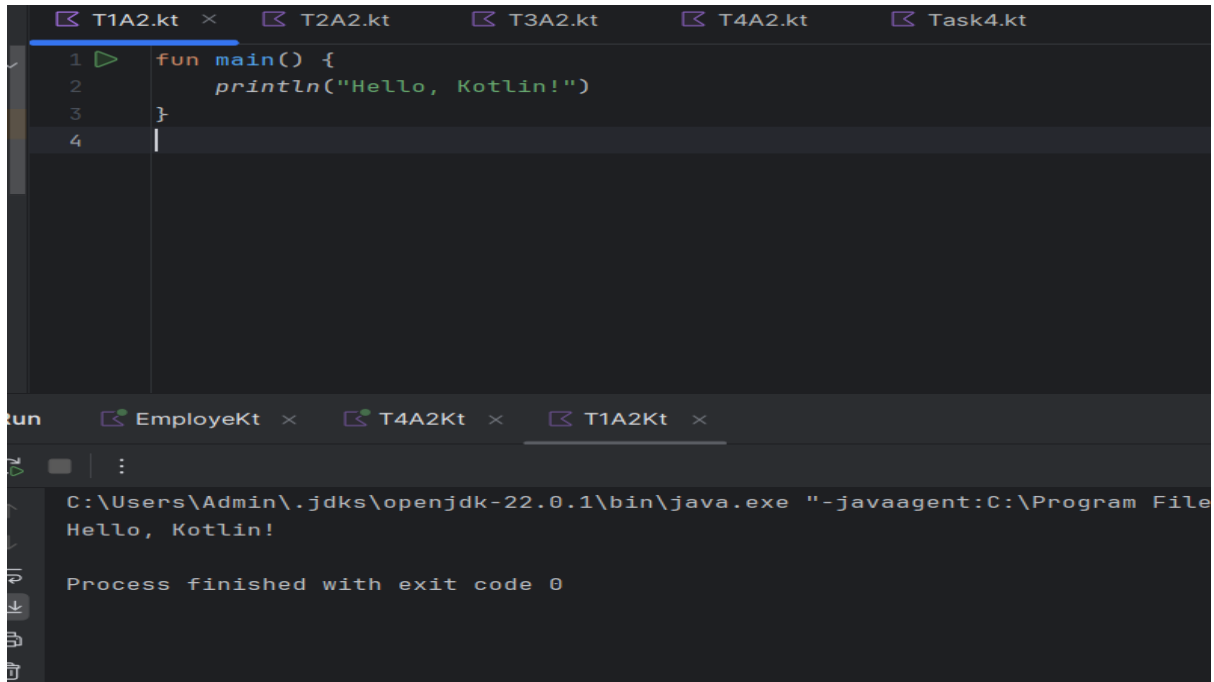


## Sneha Walikar (Assignment 2 Day 1)

### Introduction and Setup

**Task 1:** Set up the Kotlin development environment and write a simple Kotlin script to validate the setup.

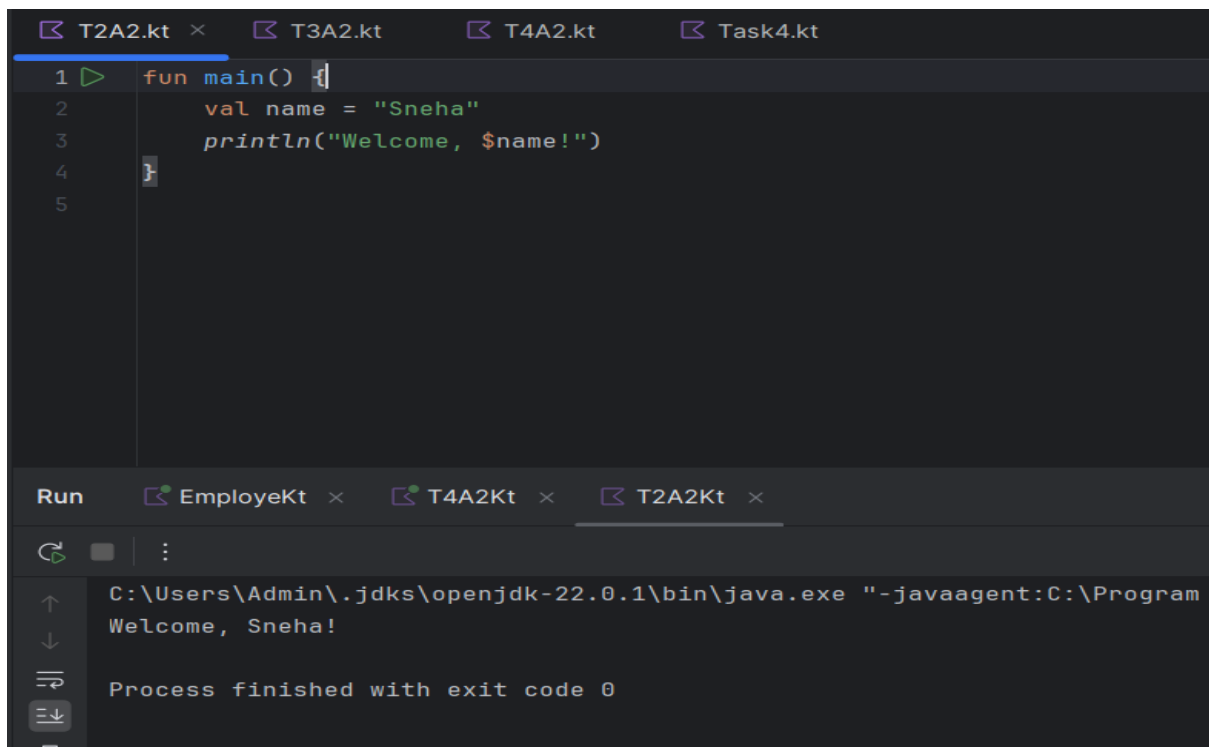


```
1 fun main() {
2     println("Hello, Kotlin!")
3 }
4
```

```
Run EmployeeKt x T4A2Kt x T1A2Kt x
C:\Users\Admin\.jdk\openjdk-22.0.1\bin\java.exe "-javaagent:C:\Program File
Hello, Kotlin!

Process finished with exit code 0
```

**Task 2:** Experiment with Kotlin's string templates to create dynamic welcome messages.

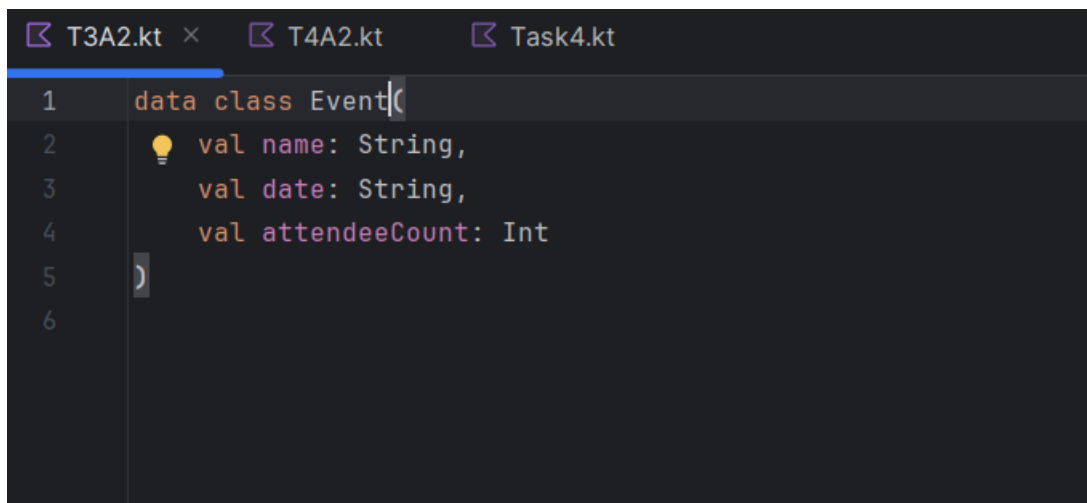


```
1 fun main() {
2     val name = "Sneha"
3     println("Welcome, $name!")
4 }
5
```

```
Run EmployeeKt x T4A2Kt x T2A2Kt x
C:\Users\Admin\.jdk\openjdk-22.0.1\bin\java.exe "-javaagent:C:\Program
Welcome, Sneha!

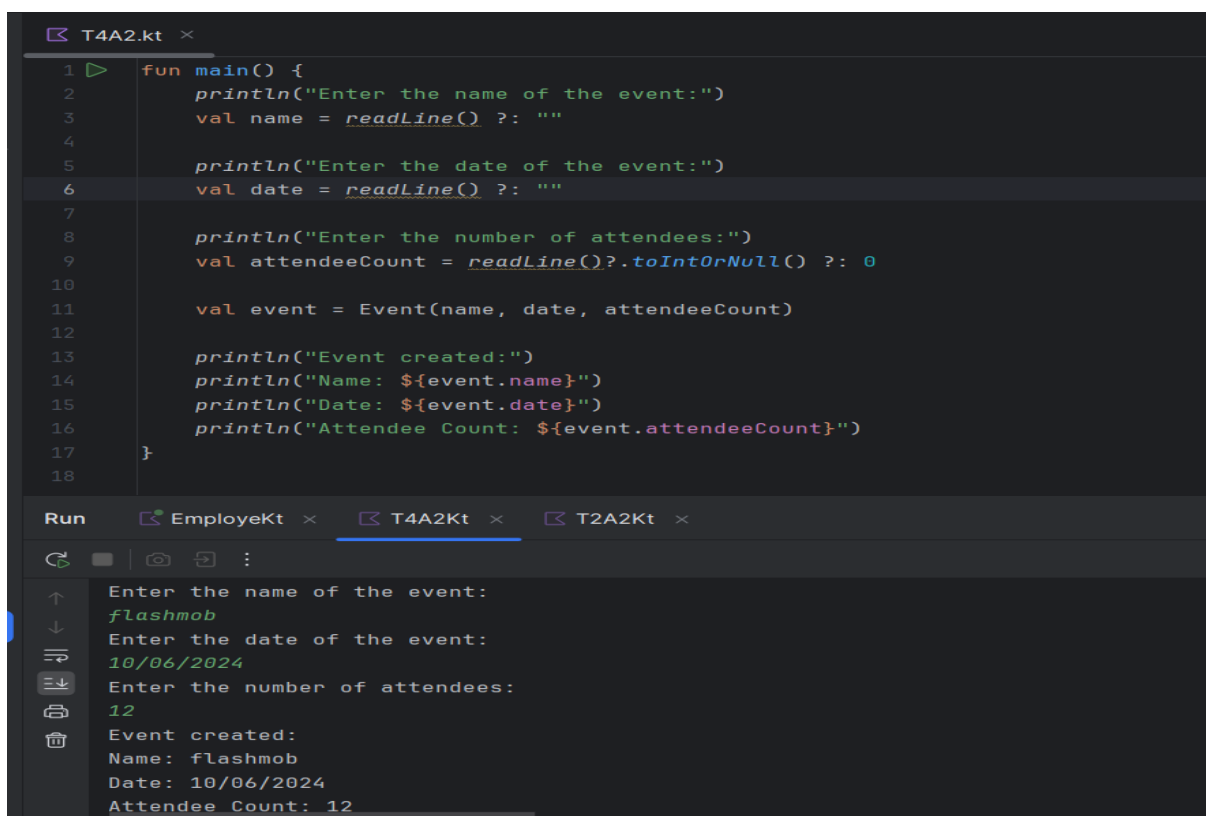
Process finished with exit code 0
```

**Task 3:** Define data types to represent event details such as name, date, and attendee count.



```
1 data class Event(  
2     val name: String,  
3     val date: String,  
4     val attendeeCount: Int  
5 )  
6
```

**Task 4:** Implement a basic user input flow to create new events using if and when statements.



```
1 fun main() {  
2     println("Enter the name of the event:")  
3     val name = readLine() ?: ""  
4  
5     println("Enter the date of the event:")  
6     val date = readLine() ?: ""  
7  
8     println("Enter the number of attendees:")  
9     val attendeeCount = readLine()?.toIntOrNull() ?: 0  
10  
11     val event = Event(name, date, attendeeCount)  
12  
13     println("Event created:")  
14     println("Name: ${event.name}")  
15     println("Date: ${event.date}")  
16     println("Attendee Count: ${event.attendeeCount}")  
17 }  
18
```

Run EmployeeKt x T4A2Kt x T2A2Kt x

Enter the name of the event:  
flashmob  
Enter the date of the event:  
10/06/2024  
Enter the number of attendees:  
12  
Event created:  
Name: flashmob  
Date: 10/06/2024  
Attendee Count: 12