

Kotlin

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2.121JVMProgram argumentsCopy linkShare codeRun

```
run main() {  
  
    data class Event(  
        val title: String,  
        val description: String? = null,  
        val daypart: Daypart,  
        val durationInMinutes: Int,  
    )  
  
    val event1 = Event(title = "Wake up", description = "Time to get up", daypart = Daypart.MORNING, durationInMinutes = 0)  
    val event2 = Event(title = "Eat breakfast", daypart = Daypart.MORNING, durationInMinutes = 15)  
    val event3 = Event(title = "Learn about Kotlin", daypart = Daypart.AFTERNOON, durationInMinutes = 30)  
    val event4 = Event(title = "Practice Compose", daypart = Daypart.AFTERNOON, durationInMinutes = 60)  
    val event5 = Event(title = "Watch latest DevBytes video", daypart = Daypart.AFTERNOON, durationInMinutes = 10)  
    val event6 = Event(title = "Check out latest Android Jetpack library", daypart = Daypart.EVENING, durationInMinutes = 45)  
  
    val events = mutableListOf<Event>(event1, event2, event3, event4, event5, event6)  
    val shortEvents = events.filter { it.durationInMinutes < 60 }  
  
    println("You have ${shortEvents.size} short events.")  
  
    println(events)  
  
    val groupedEvents = events.groupBy { it.daypart }  
    groupedEvents.forEach { (daypart, events) ->  
        println("$daypart: ${events.size} events")  
    }  
    println("Last event of the day: ${events.last().title}")  
}
```

You have 5 short events.
[Event(title=Wake up, description=Time to get up, daypart=MORNING, durationInMinutes=0), Event(title=Eat breakfast, description=null, daypart=MORNING, durationInMinutes=15),
MORNING: 2 events
AFTERNOON: 3 events
EVENING: 1 events
Last event of the day: Check out latest Android Jetpack library
Duration of first event of the day: short

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```
data class Event(  
    val title: String,  
    val description: String? = null,  
    val daypart: Daypart,  
    val durationInMinutes: Int,  
)  
  
val event1 = Event(title = "Wake up", description = "Time to get up", daypart = Daypart.MORNING, durationInMinutes = 0)  
val event2 = Event(title = "Eat breakfast", daypart = Daypart.MORNING, durationInMinutes = 15)  
val event3 = Event(title = "Learn about Kotlin", daypart = Daypart.AFTERNOON, durationInMinutes = 30)  
val event4 = Event(title = "Practice Compose", daypart = Daypart.AFTERNOON, durationInMinutes = 60)  
val event5 = Event(title = "Watch latest DevBytes video", daypart = Daypart.AFTERNOON, durationInMinutes = 10)  
val event6 = Event(title = "Check out latest Android Jetpack library", daypart = Daypart.EVENING, durationInMinutes = 45)  
  
val events = mutableListOf<Event>(event1, event2, event3, event4, event5, event6)  
val shortEvents = events.filter { it.durationInMinutes < 60 }  
  
println("You have ${shortEvents.size} short events.")  
  
println(events)  
  
val groupedEvents = events.groupBy { it.daypart }  
groupedEvents.forEach { (daypart, events) ->  
    println("$daypart: ${events.size} events")  
}  
println("Last event of the day: ${events.last().title}")  
}
```

You have 5 short events.
[Event(title=Wake up, description=Time to get up, daypart=MORNING, durationInMinutes=0), Event(title=Eat breakfast, description=null, daypart=MORNING, durationInMinutes=15), Event(title=Learn about Kotlin, description=Time to get up, daypart=AFTERNOON, durationInMinutes=30), Event(title=Practice Compose, description=Time to get up, daypart=AFTERNOON, durationInMinutes=60), Event(title=Watch latest DevBytes video, description=Time to get up, daypart=AFTERNOON, durationInMinutes=10),
MORNING: 2 events
AFTERNOON: 3 events
EVENING: 1 events
Last event of the day: Check out latest Android Jetpack library

The screenshot shows the Kotlin Playground interface. The code defines an `Event` class with properties `title`, `description`, `daypart`, and `durationInMinutes`. The `main` function creates a list of `Event` objects and prints them. The output at the bottom shows the list of events.

```
Kotlin
2.121 JVM Program arguments
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EVENTING,
}
fun main(){
    data class Event(
        val title: String,
        val description: String? = null,
        val daypart: Daypart,
        val durationInMinutes: Int,
    )
    val event1 = Event(title = "Wake up", description = "Time to get up", daypart = Daypart.MORNING, durationInMinutes = 0)
    val event2 = Event(title = "Eat breakfast", daypart = Daypart.MORNING, durationInMinutes = 15)
    val event3 = Event(title = "Learn about Kotlin", daypart = Daypart.AFTERNOON, durationInMinutes = 30)
    val event4 = Event(title = "Practice Compose", daypart = Daypart.AFTERNOON, durationInMinutes = 60)
    val event5 = Event(title = "Watch latest DevBytes video", daypart = Daypart.AFTERNOON, durationInMinutes = 10)
    val event6 = Event(title = "Check out latest Android Jetpack Library", daypart = Daypart.EVENING, durationInMinutes = 45)

    val events = mutableListOf<Event>(event1, event2, event3, event4, event5, event6)

    println(events)
}

[Event(title=Wake up, description=Time to get up, daypart=MORNING, durationInMinutes=0), Event(title=Eat breakfast, description=null, daypart=MORNING, durationInMinutes=15), Event(title=Learn about Kotlin, description=, daypart=AFTERNOON, durationInMinutes=30), Event(title=Practice Compose, description=, daypart=AFTERNOON, durationInMinutes=60), Event(title=Watch latest DevBytes video, description=, daypart=AFTERNOON, durationInMinutes=10), Event(title=Check out latest Android Jetpack Library, description=, daypart=EVENING, durationInMinutes=45)]
```