

LAB-6

ABHINANDAN SINGH PARMAR

22BTRAD001

CODE:

```
class Person(var name: String, var state: String, var country: String) {  
    def getName: String = name  
    def setName(newName: String): Unit = {  
        name = newName  
    }  
    def getState: String = state  
    def setState(newState: String): Unit = {  
        state = newState  
    }  
    def getCountry: String = country  
    def setCountry(newCountry: String): Unit = {  
        country = newCountry  
    }  
}  
  
object PersonApp {  
    def main(args: Array[String]): Unit = {  
        val person = new Person("Andrey Ira", "London", "UK")  
        println("Original Person:")  
        println(s"Name: ${person.getName}")  
        println(s"State: ${person.getState}")  
        println(s"Country: ${person.getCountry}")  
        person.setName("Abhinandan")  
        person.setState("Madhya Pradesh")  
        person.setCountry("Bharat")  
        println("\nUpdated Person:")  
    }  
}
```

```

println(s"Name: ${person.getName}")

println(s"State: ${person.getState}")

println(s"Country: ${person.getCountry}")

}

}

```

3zmdtsv4e

```

1 class Person(var name: String, var state: String, var country: String) {
2   def getName: String = name
3   def setName(newName: String): Unit = {
4     name = newName
5   }
6   def getState: String = state
7   def setState(newState: String): Unit = {
8     state = newState
9   }
10  def getCountry: String = country
11  def setCountry(newCountry: String): Unit = {
12    country = newCountry
13  }
14 }
15 object PersonApp {
16  def main(args: Array[String]): Unit = {
17    val person = new Person("Andrey Ira", "London", "UK")
18    println("Original Person:")
19    println(s"Name: ${person.getName}")
20    println(s"State: ${person.getState}")
21    println(s"Country: ${person.getCountry}")
22    person.setName("Abhinandan")
23    person.setState("Madhya Pradesh")
24    person.setCountry("Bharat")
25    println("\nUpdated Person:")
26    println(s"Name: ${person.getName}")
27    println(s"State: ${person.getState}")
28    println(s"Country: ${person.getCountry}")
29  }
30 }

```

STDIN
Input for the program (Optional)

Output:

Original Person:
Name: Andrey Ira
State: London
Country: UK

Updated Person:
Name: Abhinandan
State: Madhya Pradesh
Country: Bharat

3zmdpkbgn

```

1 class Person(var name: String, var age: Int, var country: String) {
2   def getName: String = name
3   def setName(newName: String): Unit = {
4     name = newName
5   }
6   def getAge: Int = age
7   def setAge(newAge: Int): Unit = {
8     age = newAge
9   }
10  def getCountry: String = country
11  def setCountry(newCountry: String): Unit = {
12    country = newCountry
13  }
14 }
15 object PersonApp {
16  def main(args: Array[String]): Unit = {
17    val person = new Person("Andrey Ira", 35, "France")
18    println("Original Person:")
19    println(s"Name: ${person.getName}")
20    println(s"Age: ${person.getAge}")
21    println(s"Country: ${person.getCountry}")
22    person.setName("Abhinandan")
23    person.setAge(19)
24    person.setCountry("Bharat")
25    println("\nUpdated Person:")
26    println(s"Name: ${person.getName}")
27    println(s"Age: ${person.getAge}")
28    println(s"Country: ${person.getCountry}")
29  }
30 }

```

STDIN
Input for the program (Optional)

Output:

Original Person:
Name: Andrey Ira
Age: 35
Country: France

Updated Person:
Name: Abhinandan
Age: 19
Country: Bharat