

Rafał Ciupek

Zadanie 1.

```
var hasCredit: Boolean = false
```

Zadanie 2.

```
val universityName: String = "Cracow University of Technology"
val studentName: String = "Rafał Ciupek"
val studentNumberIndex: Int = 138052
```

Zadanie 3.

```
val satisfactionLevel = (Math.pow(Math.random(), (110 -
studentPoints) / 100.0) * 20).toInt()

    val auraColor = when (satisfactionLevel) {
        in 0..5 -> "red"
        in 6..10 -> "orange"
        in 11..15 -> "purple"
        in 16..20 -> "green"
        else -> "unknown"
    }
```

Zadanie 4.

```
fun auraColor (studentPoints: Int = 2) {  
    val satisfactionLevel = (Math.pow(Math.random(), (110 -  
studentPoints) / 100.0) * 20).toInt()  
  
    val auraColor = when (satisfactionLevel) {  
        in 0..5 -> "red"  
        in 6..10 -> "orange"  
        in 11..15 -> "purple"  
        in 16..20 -> "green"  
        else -> "unknown"  
    }  
    printStudentStatus(auraColor, studentName)  
}
```

Zadanie 5.

```
fun printStudentStatus(studentName: String, auraColor: String)  
{  
    println("$studentName has a $auraColor face color")  
}
```