

**Lecture №****08****Review date:****20/05/2018****Checked by:****Горбушко К****Student:****Maypicio Морочо****Branch:****lesson-8****Mark:****5 / 10**

## Exercise 1

0. CodeStyle - fileName proffered style - capitalized  
useless empty lines in the end of file should be cleared (extension)  
commented code should be removed

1. «+1» for encapsulated properties for each coordinate system and

```
var x: Double  
var y: Double
```

not needed in this case

2. Instead of scale should be translate and every time u changing on of point representation you should also change another, so both type of point representation will be synced
3. Function that print point as a string should take parameter that control in which system type point should be represented, x/y also should be printed out
4. According to exercise requirements should be 2 different file for extensions

## Exercise 2

1. Access to points array should be private instead of constant
2. u can use switch instead with range param
3. Initialization that takes variadic points missed

## FEEDBACK



4. subscript may crash if u ask for (as example) element at index 1\_000\_000. Always check bounds of dataStructure before requesting value