

BIS2151E - Programming in Java - Prof. Dr. Burkard

Testat No. 1 Theory - Jansen/Gabriel

Task 1: Initialisation

If you read this, task 1 is finished.

Task 2: Bad identifiers

- 03/17/2020

Is indeed a bad variable name. The '/' char is reserved for arithmetic operations (here division) and is interpreted as such. Forbidden to use in variable declarations.

- CourseNumberJava

Does not follow the "lowerCamelCase"-notation that is used for easy readability. Better: javaCourseNumber

- best grade in SS20

Spaces are definitely not allowed in variable declaration and would throw an error. Better: bestGradeInSS20.

- 1stAttestation

Declared variables cannot start with a digit number. Better: firstAttestation.

- fußgröße

I assume characters like 'ß' and 'ö' that are not universal should not be used when declaring a variable.

Best practice would be to avoid umlauts to keep the code readable by non-german speakers and keep the variable names URL-safe and encoding-neutral. Better: fussgroesse.

- bestaveragerating

Does not follow the "lowerCamelCase"-notation. Better: bestAverageRating.

- netto+VAT

The plus operator is reserved for arithmetic operations and cannot be used when declaring variables. Better: sumNettoVAT.

- s

Is no meaningful word and thus should not be used when declaring a variable. It is not clear to what a value 's' might referece.

Task 3: Variable Names

```
double creditAccountBalance;  
int orderedArticleQuantity;  
String vehicleTyreDot;  
float monthlyInstalmentRate;  
String matriculationNumber;
```