OBJECT ORIENTED PROGRAMMING

QUIZ #2

2.5 points in total

Rules:

- Find your package and explore it as your files and folders are only inside this package. Nothing is given outside this package. If the assignment states that "*Find the file somefile*", it means that the file should be found inside your package. Do not change the provided files and folders if this is not required in the assignments itself.
- Answers should be submitted as GitHub repository link via email. Create a new public repository for the quiz. The repository should be alive until the quiz will be evaluated.
- You have 1 hour for the quiz. Late answers will not be evaluated. Please note that file upload dates will be checked in your repository, all files should be uploaded during the quiz.
- You are allowed to view materials in Google Classroom, use Search Engines such as Google, Bing, etc. and ask AI tools such as ChatGPT, Bard, etc.
- You are not allowed to have any type of communication (Mobile, Email, Social Network, etc.) with other humans during the exam.
- The exam will not be evaluated in case of cheating.

Assignment 1

(1 point)

Locate the files A11.java and A12.java. Create the class R11 in the same package where the class A11 is. Create the R12 class in the same package where the class A12 is. Create the text variable MESSAGE with value "Hello from the R12" in the class R12. Import the class R12 in the class R11 and make main function which will print the message of the class R12.
Only working program with correct packages will be evaluated as 1 point.

Assignment 2

(1 point)

Locate the files A21.java and A22.java. In the package of first class create the sub package sub and create the class R21 inside.
Dimensions of the rectangle are in class A21, number of the month is introduced as variable in class A22.
Import the classes A21 and A22 in class R21.
Print the area of the rectangle from the R21. The area should be calculated according to the A21 class variables. The hardcoded answer is not requested.
Print the name of the month from the R21. The name should be determined according to the A22 class variable. The hardcoded answer is not requested. Checking of invalid value is mandatory.
Only working program with correct packages will be evaluated as 1 point.

Assignment 3

(0.5 points)

Locate the files CoffeeShop.java and expenses.txt. finish the CoffeeShop class.
Only working program with correct packages will be evaluated as 0.5 point.