a. If the speed limit = 30 km/h and the vehicle is travelling below 30km/h then

the fine should read “EUR 0”. Cool

b. If the speed limit = 30 km/h and the vehicle is travelling above 30km/h but

below or equal to 50 km/h then the fine should read “EUR 80”. Cool

c. If the speed limit = 30 km/h and the vehicle is travelling above 50km/h but

below or equal to 100 km/h then the fine should read “EUR 100”. Cool

d. If the speed limit = 30 km/h and the vehicle is travelling above 100km/h then

the fine should read “SUSPEND”. Not Cool (Houston We have a problem)

e. If the speed limit = 50 km/h and the vehicle is travelling below 50km/h then

the fine should read “EUR 0”. Cool

f. If the speed limit = 50 km/h and the vehicle is travelling above 50km/h but

below or equal to 80 km/h then the fine should read “EUR 100”. Fuck You

g. If the speed limit = 50 km/h and the vehicle is travelling above 80km/h but

below or equal to 120 km/h then the fine should read “EUR 150”. Cool

h. If the speed limit = 50 km/h and the vehicle is travelling above 120km/h then

the fine should read “SUSPEND”. Cool

i. If the speed limit = 120 km/h and the vehicle is travelling below 120km/h

then the fine should read “EUR 0”. Cool

j. If the speed limit = 120 km/h and the vehicle is travelling above 120km/h

then the fine should read “EUR 250”. Cool

k. If the speed limit = 120 km/h and the vehicle is travelling above 200km/h

then the fine should read “SUSPEND”. cool

l. If the speed limit input is anything other than the above then the output

should read “Invalid input”.

Task:

1. Download the java class which performs this calculation

a. trafficfine.class from GitHub repository ITT-Tallaght-Test

2. Perform black box testing on this program

a. Generate a test script with 10 “good quality” test cases.

b. Each team member should identify at least 1 issue with the code.

c. Include a comment against each test case indicating which team

member wrote it

d. There should be some sort of summary output from the test script

indicating the number of passed and failed tests.

e. I will be running your test scripts to see how they perform.