

TEST EXERCISES

CODINGBAT

Unit tests

Warmup-1: diff21

Given an int n, return the absolute difference between n and 21, except return double the absolute difference if n is over 21.

diff21(19) → 2
diff21(10) → 11
diff21(21) → 0
diff21(22) → 2
diff21(25) → 8
diff21(30) → 18
diff21(0) → 21
diff21(1) → 20
diff21(2) → 19
diff21(-1) → 22
diff21(-2) → 23
diff21(50) → 58

TRANSFORM TO JUNIT

Create class

Create method

Create / Update test

Remove comments and fail

Implement test suite with test cases based on equivalence classes and boundary values

ACCOUNT CLASS

Create an account class that the following method: public double getInterest()

The method should return 3% of the balance if the balance is above 0€ and up to or equal 100€

The method should return 5% of the balance if the balance is above 100€ and up to or equal 1000€

The method should return 7% of the balance if the balance is above 1000€

The method should return 0 if the balance is 0€ or below

Implement test suite with test cases based on equivalence classes and boundary values

CODE COVERAGE

Improve code coverage