

Farm System

Cases of Teste

testGetAgeInMonths(): int

| | Year | Month | Day | expResult |
|----|------|-------|-----|-----------|
| 1. | 120 | 06 | 16 | 0 |
| 2. | 119 | 06 | 16 | 12 |
| 3. | 118 | 05 | 16 | 25 |
| 4. | 119 | 01 | 01 | 17 |
| 5. | 120 | 07 | 16 | -01 |

testGetAgeInDays(): int

| | Year | Month | Day | expResult |
|----|------|-------|-----|-----------|
| 1. | 120 | 06 | 16 | 0 |
| 2. | 119 | 06 | 16 | 365 |
| 3. | 119 | 06 | 10 | 359 |
| 4. | 120 | 05 | 16 | 30 |
| 5. | 120 | 07 | 16 | -30 |

testCalculateEggsOfChicken(): int

| | daysLife | expResult |
|----|----------|-----------|
| 1. | 168 | 28 |
| 2. | 140 | 0 |
| 3. | 141 | 1 |
| 4. | 139 | 0 |
| 5. | 1236 | 1096 |

testPriceOfEggs(): float

| | totalEggs | priceOfOneEgg | expResult |
|----|-----------|---------------|-----------|
| 1. | 15 | 15 | 2.25 |
| 2. | 20 | 10 | 2.0 |
| 3. | 18 | 12 | 2.16 |
| 4. | 155 | 15 | 23.25 |
| 5. | 0 | 10 | 0.0 |