Introduction to Programming

with Java

Class: InterestCalculator.java

Score: ⭐ ⭐ ⭐ (Medium)

Prerequisites: For Loops, ACM Task Force Commands

Description:

Implement a program that takes **starting balance** and **annual interest rate** then calculates and prints **balance** of the account each of 10 years.

Sample Run:

```
Interest calculation program

Enter starting balance: 1000

Enter annual interest rate: 5

Balance after 1 year = 1050.0

Balance after 2 year = 1102.5

Balance after 3 year = 1157.625

Balance after 4 year = 1215.50625

Balance after 5 year = 1276.2815624999998

Balance after 6 year = 1340.0956406249998

Balance after 7 year = 1407.1004226562497

Balance after 8 year = 1477.4554437890622

Balance after 9 year = 1551.3282159785153

Balance after 10 year = 1628.894626777441
```