Name_____ Date_____

Coding: Practice with Interest **Answers**

1. a) Code C
   b) In Code A, the rate should be 0.045, not 0.050. In Code B, the principal
      should be 3000, not 2000 and the range should be (0,8) not (0,5).
   c) The account will be worth $3960 after 8 years.

2. a) Code B
   b) In Code A, the principal amount should be 100000, not 150000 and the range
      should be (0,10) not (0,5). In Code C, the rate should be 0.065, not 0.075
      and the compound frequency should be 12, not 365.
   c) The amount owed each year is shown by the output below.

1	106697.18520025433
2	113842.8932965737
3	121467.16269797318
4	129602.04354135068
5	138281.7324206292
6	147542.71613895887
7	157423.92508827048
8	167966.8969009416
9	179215.95106151787
10	191218.3752125049

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