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Lab 3 - Mortgage

Case 1

How much money would you like to borrow? What is the current market rate? How long would you like to pay off the loan? Loan amount: \$10000.00 Interest rate: 5% Loan term: 10 years Total interest paid: \$2727.86 Total number of payments: 120 Monthly payment: \$106.07

Case 2

How much money would you like to borrow? 150000 What is the current market rate? 17 How long would you like to pay off the loan? Loan amount: \$150000.00 Interest rate: 17% Loan term: 35 years Total interest paid: \$744931.48 Total number of payments: 420 Monthly payment: \$2130.79

Case 3

How much money would you like to borrow?
1234567890
What is the current market rate?
34
How long would you like to pay off the loan?
500
Loan amount: \$1234567890.00
Interest rate: 34%
Loan term: 500 years

Total interest paid: \$208641973410.00

Total number of payments: 6000 Monthly payment: \$34979423.55

Case 4

How much money would you like to borrow?
50000
What is the current market rate?
7
How long would you like to pay off the loan?
13
Loan amount: \$50000.00
Interest rate: 7%
Loan term: 13 years
Total interest paid: \$26289.78
Total number of payments: 156
Monthly payment: \$489.04

Case 5

How much money would you like to borrow?
74651
What is the current market rate?
9
How long would you like to pay off the loan?
12
Loan amount: \$74651.00
Interest rate: 9%
Loan term: 12 years
Total interest paid: \$47684.39
Total number of payments: 144
Monthly payment: \$849.55

Case 6

How much money would you like to borrow?
90000
What is the current market rate?
8
How long would you like to pay off the loan?
3
Loan amount: \$90000.00
Interest rate: 8%
Loan term: 3 years
Total interest paid: \$11529.82
Total number of payments: 36
Monthly payment: \$2820.27

Case 7

How much money would you like to borrow?
60123
What is the current market rate?
10
How long would you like to pay off the loan?
123
Loan amount: \$60123.00
Interest rate: 10%
Loan term: 123 years
Total interest paid: \$679393.44
Total number of payments: 1476
Monthly payment: \$501.03

Case 8

How much money would you like to borrow?
750
What is the current market rate?
12
How long would you like to pay off the loan?
51
Loan amount: \$750.00
Interest rate: 12%
Loan term: 51 years
Total interest paid: \$3850.43
Total number of payments: 612
Monthly payment: \$7.52

Case 9

How much money would you like to borrow?
48901
What is the current market rate?
18
How long would you like to pay off the loan?
4
Loan amount: \$48901.00
Interest rate: 18%
Loan term: 4 years
Total interest paid: \$20049.41
Total number of payments: 48
Monthly payment: \$1436.47

Case 10

How much money would you like to borrow?

What is the current market rate?

How long would you like to pay off the loan?

Loan amount: \$0.00

Interest rate: 0%

Loan term: 0 years

Total interest paid: \$nan

Total number of payments: 0

Monthly payment: \$nan