Output “Welcome to the Mortgage Loan Calculator.”

Output “\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*”

Output "Enter your name or quit to exit. "

Input customer\_name

While customer\_name != quit

Output “Enter the loan amount:”

Input loan

Output “Enter the annual interest rate:”

Input interest

Output “How many months will it take to repay your loan?”

Input months

Output “\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*”

Output “customer\_name, you requested an estimate on a loan for $ ‘loan’ “

Output “Annual Interest rate : ‘interest’ for ‘months’ ”

Output “\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*”

Output “Here are the rates for simple interest, compound interest, and monthly interest”

Input interest\_rate = (interest / 12) + 1

Input compound\_interest = (1-((interest/12)+1) \*\* - months))

Output interest\_rate

Output compound\_interest

Input monthly\_interest equals interest divided by 12 divided by compound interest

Output monthly\_interest

Input payments equals loan multiplied by monthly\_interest

Output “Monthly payment: ” formatted to 2 decimal places

Output "Enter your name or quit to exit. "

Input customer\_name

Output “Thank you for using the Mortgage Loan Calculator”

