3.4 A local recording studio rents its facilities for $200 per hour. Management charges only for the number of minutes used. Create a project in which the input is the name of the group and the number of minutes it used the studio. Your program calculates the appropriate charges, accumulates the total charges for all groups, and computes the average charge and the number of groups that used the studio.

Form: Use labeled text boxes for the name of the group and the number of minutes used. The charges for the current group should be displayed formatted in a text box. Create a group box for the summary information. Inside the group box, display the total charges for all groups, the number of groups, and the average charge per group. Format all output appropriately. Include buttons for *Calculate, Clear, Print,* and *Exit.*

Code: Use a constant for the rental rate per hour; divide that by 60 to get the rental rate per minute. Do not allow bad input data to cancel the program.

Test Data

Group	Minutes
Pooches	95
Hounds	5
Mutts	480

Check Figures

Total Charges for Group	Total Number of Groups	Average Charge	Total Charges for All Groups
$316.67	1	$316.67	$316.67
$16.67	2	$166.67	$333.33
$1,600.00	3	$644.44	$1,933.33

3.5 Create a project that determines the future value of an investment at a given interest rate for a given number of years. The formula for the calculation is

Future value = Investment amount * (1 + Interest rate) ^ Years

Form: Use labeled text boxes for the amount of investment, the interest rate (as a decimal fraction), and the number of years the investment will be held. Display the future value in a text box formatted as currency.

Include buttons for *Calculate, Clear, Print,* and *Exit.* Format all dollar amounts. Display a message to the user for nonnumeric or missing input data.