

5.5 and 5.6: for-each and while Loop Worksheet

1. Write a function which uses a for-each loop to print out each letter of a user entered word on a different line.
2. Use a for-each loop to calculate the sum of a given list of numbers. You can assume that the user will enter this list.
3. Given a user entered number, use a for-each loop to count the total number of digits entered.
4. Write a function which asks the user to enter a number and then uses a while loop to print out the first 20 numbers in the times table for that number.
5. Write a function which takes in three numbers: starting amount, interest rate, number of years. The function should use a while loop to calculate the amount of money which is in the account after the number of years entered, assuming that the interest is compound.
6. Write a while loop that iterates over the numbers 1 to 7 and prints the cube of each number