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/\* Lab 3 Question 3 \*/

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/\* Date: 10/12/20 \*/

/\* This Program reads a character until a \* is \*/

/\* encountered \*/

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#include<stdio.h>

int main()

{

//Declaration

int digitChar, upperCase = 0, lowerCase = 0, number = 0, count;

//Input

printf("Enter any character,or \* to quit: ");

scanf("%d", &digitChar);

//Calculations

while (digitChar != '\*')

{

if((digitChar>='a' && digitChar<='z'))

lowerCase++;

else if(digitChar>='A' && digitChar<='Z')

upperCase++;

else if(digitChar>='0' && digitChar<='9')

number++;

printf("Enter any character,or \* to quit: ");

scanf("%d", &digitChar);

}

//Output

printf("Total count of lowercase characters entered = %d", lowerCase);

printf("Total count of uppercase characters entered = %d", upperCase);

printf("Total count of digits entered = %d", number);

return 0;

}

/\*

Test Run 1:

Test Run 2

Test run 3

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