Assignment 5

#include <stdio.h>

#include <string.h>

int main() {

char word[] = "programming";

char guessedWord[] = "\_";

int chances = 3;

char guess;

int correctGuess;

while (chances > 0 && strcmp(word, guessedWord) != 0) {

correctGuess = 0;

printf("Current word: %s\n", guessedWord);

printf("Enter a letter: ");

scanf(" %c", &guess);

for (int i = 0; i < strlen(word); i++) {

if (word[i] == guess) {

guessedWord[i] = guess;

correctGuess = 1;

}

}

if (!correctGuess) chances--;

printf("Chances left: %d\n", chances);

}

if (strcmp(word, guessedWord) == 0)

printf("You guessed the word! %s\n", guessedWord);

else

printf("You failed to guess the word. The word was: %s\n", word);

return 0;

}