Homework 3

#include <stdio.h>

int main(int argc, char \*argv[]){

char x1[100] = "The quick brown fox jumped over the lazy dog.";

char \*x1ptr = x1;

int i, nl, nw, nc, state;

state = 0;

i = 0;

nl = 0;

nw = 0;

nc = 0;

while (\*(x1ptr + i) != '\0'){

++nc;

if (\*(x1ptr + i) == '\n')

++nl;

if (\*(x1ptr + i) == ' ' || \*(x1ptr + i) == '\n' ||

\*(x1ptr + i) == '\t')

state = 0;

else if(state == 0){

state = 1;

++nw;

}

++i;

}

printf("%d %d %d\n", nl, nw, nc);

system("pause");

return 0;

}