Word count

#include <stdio.h>

int main()

{

int wordStarted = 0;

int wordCount = 0;

char alpha;

while ((alpha=getchar()) != EOF) {

if ( alpha==' ' || alpha=='\t' || alpha=='\n' || alpha=='\r' ) {

wordStarted = 0;

} else if ((alpha!=' ' && alpha!='\t' && alpha!='\n' && alpha != '\r' ) && !wordStarted) {

wordStarted = 1;

wordCount++;

}

}

printf("%d\n", wordCount);

return 0;

}