

|  |  |
| --- | --- |
| Submitted By  Name: Muhammd Mehedi Hasan  Reg: 23201143  Section: C  Subject: CSE 104 | Submitted To  Name: Fahad Ahmed  Assistant Professor  Department of Computer Science and Engineering, [University of Asia Pacific](https://uap-bd.edu/) |

**Code:**

**#include <stdio.h>**

**#include <string.h>**

**int main(){**

**char str[100];**

**printf("Enter a string: ");**

**scanf("%[^\n]", str);**

**int count = 0, inWord = 0, alpha=0;**

**for (int i = 0; str[i] != '\0'; i++) {**

**if (str[i] != ' ' && str[i] != '\t' && str[i] != '\n') {**

**if (!inWord) {**

**inWord = 1;**

**count++;**

**}**

**} else {**

**inWord = 0;**

**}**

**}**

**for (int i = 0; str[i] != '\0'; i++){**

**if ((str[i] >='A' && str[i] <='Z') || (str[i] >='a' && str[i] <='z')){**

**alpha++;**

**}**

**}**

**printf("Total number of words: %d", count);**

**printf("\nTotal number of alphabets: %d", alpha);**

**return 0;**

**}  
  
Output:**

