❏ Write C++ Program read data from file character by character with spaces.

```cpp
#include<fstream>
#include<iostream>
#include<string>
using namespace std;


int main()
{
    fstream f;
    f.open("Sanad.txt");

    char ch;
    while (f.get(ch))
    {
        cout << ch ;
    }

    if (f.eof())
        cout << endl;

    f.close();



    system("pause");
    return 0;
}
```
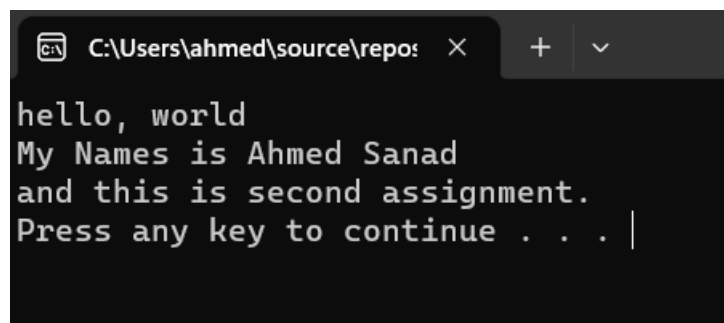
```
C:\Users\ahmed\source\repos    ×    +    ∨

hello, world
My Names is Ahmed Sanad
and this is second assignment.
Press any key to continue . . .
```

❏ Write C++ Program to read and count some words

```cpp
#include<fstream>
#include<iostream>
#include<string>
using namespace std;

int main()
{
    fstream f;
    f.open("Sanad.txt");

    string str;
    int count = 0;
    while(!(f.eof()))
    {
        f >> str;
        cout << str << endl;
        count++;
    }
    cout << "The Total Words Counted is equals : " << count << endl;
    f.close();


    system("pause");
    return 0;
}
```

```
hello,
world
My
Names
is
Ahmed
Sanad
and
this
is
second
assignment.
The Total Words Counted is equals : 12
Press any key to continue . . .
```
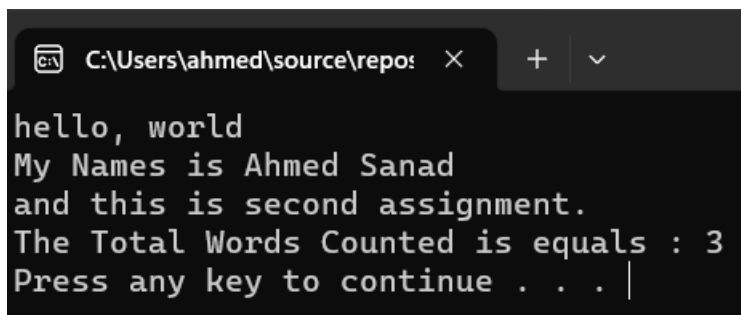
❑ Write C++ Program to read and count some lines.

```cpp
#include<fstream>
#include<iostream>
#include<string>
using namespace std;


int main()
{
    fstream f;
    f.open("Sanad.txt");

    string str;
    int count = 0;
    while(getline(f, str))
    {
        cout << str << endl;
        count++;
    }
    cout << "The Total Words Counted is equals : " << count << endl;
    f.close();



    system("pause");
    return 0;
}
```

```
C:\Users\ahmed\source\repos    ×    +    ∨

hello, world
My Names is Ahmed Sanad
and this is second assignment.
The Total Words Counted is equals : 3
Press any key to continue . . . |
```