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Lab 1: Write a program take text file as an input and print word, character count and ASCII value of each characters as output.

```
#include <bits/stdc++.h>

using namespace std;

int main() {

    ifstream file;

    string filename;

    cout << "Enter the file name: ";

    cin >> filename;

    file.open(filename.c_str());

    if (!file) {

        cout << "Unable to open file";

    }

    char ch;

    int count = 0;

    int word = 0;

    int ascii = 0;

    while (file >> noskipws >> ch) {

        if (ch == ' ' || ch == '\n') {
```

```cpp
                word++;
            }
            count++;
            ascii = ch;
            cout << ch << " " << ascii << endl;
        }
        cout << endl;
        cout << "Number of characters in file: " << count << endl;
        cout << endl;
        cout << "Number of words in file: " << word << endl;
        file.close();
        return 0;
    }
```

OUTPUT

```
c:\Users\Prashant Srivastava\Desktop\5th Sem\CSE 337 Cryptography\Lab 1>cd "c:\Users\Prashant Srivasta
Enter the file name: krish.txt
M 77
y 121
  32
n 110
a 97
m 109
e 101
  32
i 105
s 115
  32
K 75
r 114
i 105
s 115
h 104
  32
S 83
r 114
i 105
v 118
a 97
s 115
t 116
a 97
v 118
a 97

Number of characters in file: 27

Number of words in file: 4
```