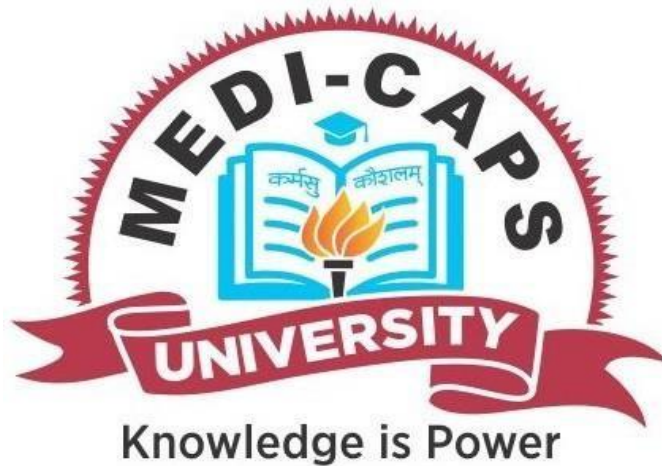


MEDI-CAPS UNIVERSITY, INDORE

**Department of Computer Science &
Engineering**



Lab Manual

**COMPILER DESIGN
(CS3CO27)**

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**Submitted To:
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AIM. Write a program to calculate no of lines and number of words in a given text file

Program—

```
#include <iostream>
#include <fstream>
#include <sstream>

using namespace std;

int main() {
    string filename;
    cout << "Enter the name of the text file: ";
    cin >> filename;

    ifstream file(filename);

    if (!file.is_open()) {
        cout << "Error opening file: " << filename << endl;
        return 1;
    }

    int lines = 0, words = 0;
    string line;

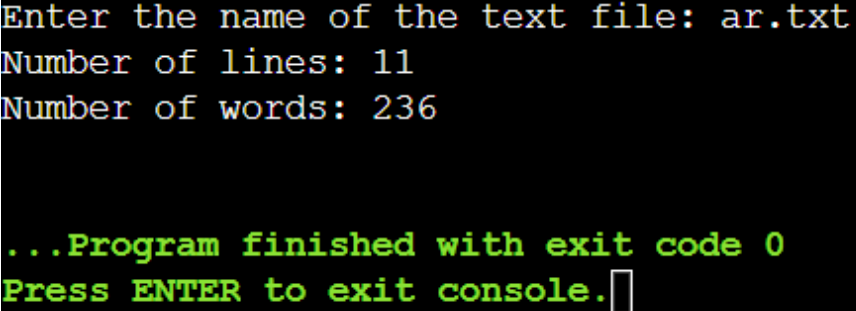
    while (getline(file, line)) {
        lines++;
        stringstream ss(line);
        string word;
        while (ss >> word) {
            words++;
        }
    }
}
```

```
file.close();

cout << "Number of lines: " << lines << endl;
cout << "Number of words: " << words << endl;

return 0;
}
```

Output—



```
Enter the name of the text file: ar.txt
Number of lines: 11
Number of words: 236

...Program finished with exit code 0
Press ENTER to exit console. □
```