Bahria University,

Karachi Campus



LAB EXPERIMENT NO.

**02**

LIST OF TASKS

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| --- | --- |
| TASK NO | OBJECTIVE |
| 1 | **Write the code to count the number of characters from text file, file should be taken at run time** |
| 2 | **Write the program to count the number of lines** |
| 3 | **Write the program to count the number of Words from Text file** |
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Submitted On

**20/10/2022**

**Task 01: Write the code to count the number of characters from text file, file should be taken at run time**

**Solution:**

int main(){

ifstream data;

char ch;

int chr=0;

string fileName;

cout<<"Enter file name:";

cin>>fileName;

data.open(fileName);

data.get(ch);

while(data){

if(ch!='\n'){

chr++;

}

data.get(ch);

}

data.close();

cout<<"characters="<<chr<<endl;

return 0;

}

**Output:**

Graphical user interface, text, application

Description automatically generated

Text

Description automatically generated

**Task # 02: Write the program to count the number of lines.**

**Solution:**

int main(){

ifstream data;

string fileName;

cout<<"Enter file name:";

cin>>fileName;

data.open(fileName);

char ch;

int lines=1;

data.get(ch);

while (data)

{

if(ch =='\n'||ch=='\0'){

lines++;

}

data.get(ch);

}

data.close();

cout<<"Lines="<<lines<<endl;

return 0;

}

**Output:**

Graphical user interface, text, application

Description automatically generated

Text

Description automatically generated

**Task # 03: Write the program to count the number of Words from Text file**

**Solution:**

int main(){

ifstream data;

string fileName;

cout<<"Enter file name:";

cin>>fileName;

data.open(fileName);

char ch;

int words=0;

// data.get(ch);

while (data)

{

if(ch =='\n'||ch=='\0'||ch==' '){

words++;

}

data.get(ch);

}

data.close();

cout<<"Words= "<<words<<endl;

return 0;

}

**Output:**

Graphical user interface, text, application

Description automatically generated

Text

Description automatically generated