Bahria University,

Karachi Campus



LAB EXPERIMENT NO.

**03**

LIST OF TASKS

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| --- | --- |
| TASK NO | OBJECTIVE |
| 1 | **Write a program to open the file in reading mode** |
| 2 | **Write a program to create a file in your current directory** |
| 3 | **Write a code to rename your file** |
| 4 | **Make program that performs twos operation**   * 1. **Write a text in file using “fputs” function, text should be “this is an apple”**   2. **After that replace 9th index character with this “sam” text** |
|  |  |

Submitted On

**20/10/2022**

**Task 01: Write a program to open the file in reading mode**

**Solution:**

#include<cstdio>

using namespace std;

int main()

{

int c;

FILE \*fp;

fp = fopen("file.txt", "r");

if (fp)

{

while ((c = getc(fp)) != EOF)

putchar(c);

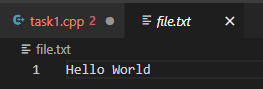
fclose(fp);

}

return 0;

}

**Output:**



**Task 02: Write a program to create a file in your current directory**

**Solution:**

#include<fstream>

#include<iostream>

using namespace std;

int main(){

ifstream myfile;

cout<<"Enter filename:\n";

string name;

cin>>name;

myfile.open(name);

if(myfile){

cout<<"File exists";

}

else{

cout<<"File not exists yet!";

ofstream MyFile(name);

MyFile << "Files can be tricky, but it is fun enough!";

MyFile.close();

cout<<"File created Successfully!";

}

return 0;

}

**Output:**

Graphical user interface, application, Teams

Description automatically generated

Text

Description automatically generated

Graphical user interface, application

Description automatically generated

**Task 03: Write a code to rename your file.**

**Solution:**

#include <iostream>

#include <cstdio>

using namespace std;

int main()

{

char oldname[] = "new\_file.txt";

char newname[] = "file.txt";

if (rename(oldname, newname) != 0){

perror("Error renaming file");

}

else{

cout << "File renamed successfully";

}

return 0;

}

**Output:**

Graphical user interface

Description automatically generated

Graphical user interface

Description automatically generated with medium confidence

**Task 04: Make program that performs twos operation**

1. **Write a text in file using “fputs” function, text should be “this is an apple”**
2. **After that replace 9th index character with this “sam” text.**

**Solution:**

#include<stdio.h>

#include<fstream>

#include<iostream>

using namespace std;

int main ()

{

FILE \* pFile;

pFile = fopen ("file1.txt" ,"wb");

fputs("This is an apple.",pFile);

fseek(pFile,10,SEEK\_SET);

fputs("sam",pFile);

fclose(pFile);

return 0;

}

**Output:**

Graphical user interface, text

Description automatically generated