ASSIGNMENT 4

Name: Tanishka Kadam

Roll No: 28

Batch:55

Date

Problem Statement - Write a C++ program that creates an output file, writes information to it, closes the file, openit again as an input file and read the information from the file

CODE:

#include <iostream>

#include <fstream>

using namespace std;

int main()

{

fstream file;

//object of fstream class

//opening file "sample.txt" in out(write) mode

file.open("sample.txt",ios::out);

if(!file)

{

cout<<"Error in creating file!!!”<<<<endl; return 0;

}

cout<<"File created successfully."<<endl; //write text into file

file<<"hello all";

//closing the file

file.close();

//again open file in read mode file.open("sample.txt",ios::in);

if(!file)

{

cout<<"Error in opening file!!!"<<endl; return 0;

}

//read untill end of file is not found.

char ch; //to read single character

cout<<” File content: ";

while(!file.eof())

{

file>>ch; //read single character from file

cout<<ch;

}

file.close(); //close file

return 0;

}