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Assignment No:- 4

Name:- Riya Manoj Wagh

Class:- SE - Computer-B (SB3)

Roll No:- 65

Subject:- OOP

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#include<iostream>

#include<fstream>

using namespace std;

int main()

{

char name[100];

int ID;

int choice;

do {

// Display menu

cout << "\nMenu:";

cout << "\n1. Write to file";

cout << "\n2. Read from file";

cout << "\n3. Exit";

cout << "\nEnter your choice: ";

cin >> choice;

switch (choice)

{

case 1: {

// Write to file

ofstream of1;

of1.open("dtva.txt", ios::out | ios::app);

cout << "\nWriting to the file" << endl;

cout << "\nEnter name: ";

cin >> name;

cout << "\nEnter ID: ";

cin >> ID;

of1 << name << endl;

of1 << ID << endl;

of1.close();

break;

}

case 2: {

// Read from file

ifstream if1;

if1.open("dtva.txt");

cout << "\nRead the data from the file" << endl;

if1 >> name;

if1 >> ID;

cout << "\nName: " << name << endl;

cout << "\nID: " << ID << endl;

if1.close();

break;

}

case 3:

cout << "\nExiting program..." << endl;

break;

default:

cout << "\nInvalid choice, please try again." << endl;

}

} while (choice != 3); // Loop until the user chooses to exit

return 0;

}

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Output:-

Menu:

1. Write to file

2. Read from file

3. Exit

Enter your choice: 1

Writing to the file

Enter name: Tanmay

Enter ID: 23119

Menu:

1. Write to file

2. Read from file

3. Exit

Enter your choice: 2

Read the data from the file

Name: Tanmay

ID: 23119

Menu:

1. Write to file

2. Read from file

3. Exit

Enter your choice: 3

Exiting program...

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