

Lab Exercise 4

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```
#include <iostream>

#include <cstring>

#include<fstream>

#include <iomanip>

using namespace std;

void read(){ //a function to read data from address.txt

ifstream infile; //file declaration

infile.open("address.txt"); //open the file

string name; //declare name as string

for(int n=0;n<3;n++){ //read the data 3 times since we got 3 person's data

getline(infile,name); //read name

cout <<name <<endl; //output name

getline(infile,name); //read address1

cout <<name <<endl; //output address1

getline(infile,name); //read address2

cout <<name <<endl; //output adress2

getline(infile,name); //read "/n"

cout <<name <<endl; //output "/n"
```

```
getline(infile,name); //read "/n"
cout <<name <<endl; //output "/n" since i dont know how to prevent from reading the blank space....
}infile.close(); //close file
}
```

```
int main(){
```

```
    ofstream outfile; //file declaration
```

```
    outfile.open("address.txt"); //open file
```

```
    string name, address1, address2; //declaration of name , address1 and address2
```

```
    for(int n=0;n<3;n++){ //prompt users to enter their data 3 time since we got 3 users.
```

```
        cout <<"Please enter name: ";
```

```
        getline(cin,name);
```

```
        cout <<"Please enter address 1: ";
```

```
        getline(cin,address1);
```

```
        cout <<"Please enter address 2: ";
```

```
        getline(cin,address2);
```

```
        cout <<endl;
```

```
    //copy the data input to address.txt file
```

```
    outfile <<name <<endl;
```

```
    outfile <<address1 <<endl;
```

```
    outfile <<address2 <<endl<<endl<<endl;
```

```
}
```

```
//declaration of salary1, salary2 and salary3
float salary1=5000.4678;
float salary2=900.365;
float salary3=12000;

//output the salaries into the address.txt file
outfile <<"Monthly salary (1st):"<<endl;
outfile <<setw(8)<<fixed<<setprecision(2)<<salary1<<endl;

outfile <<"\nMonthly salary (2nd):"<<endl;
outfile <<setw(8)<<salary2<<endl;

outfile <<"\nMonthly salary (3rd):"<<endl;
outfile <<setw(8)<<salary3<<endl;

outfile.close(); //close file

read(); //call function read to read the data of users

return 0;

}
```