

Code:

```
#include<iostream>
#include<fstream>
#include<string.h>
using namespace std;
string str;
void write()
{
    ofstream obj;
    obj.open("test.txt");
    cout<<"Enter data "<<endl;
    cin.ignore();
    getline(cin,str);
    obj<<str;
    obj.close();
    cout<<"File closed"<<endl;
}
void append()
{
    ofstream obj;
    obj.open("test.txt",ios::app);
    cout<<"Enter data "<<endl;
    cin.ignore();
    getline(cin,str);
    obj<<str;
    obj.close();
    cout<<"File closed"<<endl;
}
void read()
{
    ifstream obj1("test.txt");
    cout<<"Your read data is : ";
    while(getline(obj1,str))
    {
        cout<<str<<endl;
    }
    obj1.close();
    cout<<"File closed "<<endl;
}
int main()
{
    int ch;
    do{
        cout<<"Enter choice 1. Write 2. Read 3. Append 4. Exit"<<endl;
        cin>>ch;
        switch(ch)
        {
            case 1:
                write();
                break;
```

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        case 2:
            read();
            break;
        case 3:
            append();
            break;
        case 4:
            cout<<"Thank You"<<endl;
            break;
        default:
            cout<<"Enter valid choice "<<endl;
            break;
    }
}while(ch!=4);
return 0;
}

```

Output:

```

(base) admin1@admin1-Lenovo-S510:~/New/New/SE1A$ g++ file.cpp
(base) admin1@admin1-Lenovo-S510:~/New/New/SE1A$ ./a.out
Enter choice 1. Write 2. Read 3. Append 4. Exit
1
Enter data
Hello World
File closed
Enter choice 1. Write 2. Read 3. Append 4. Exit
2
Your read data is : Hello World
File closed
Enter choice 1. Write 2. Read 3. Append 4. Exit
3
Enter data
How are you
File closed
Enter choice 1. Write 2. Read 3. Append 4. Exit
2
Your read data is : Hello WorldHow are you
File closed
Enter choice 1. Write 2. Read 3. Append 4. Exit
4
Thank You
(base) admin1@admin1-Lenovo-S510:~/New/New/SE1A$

```