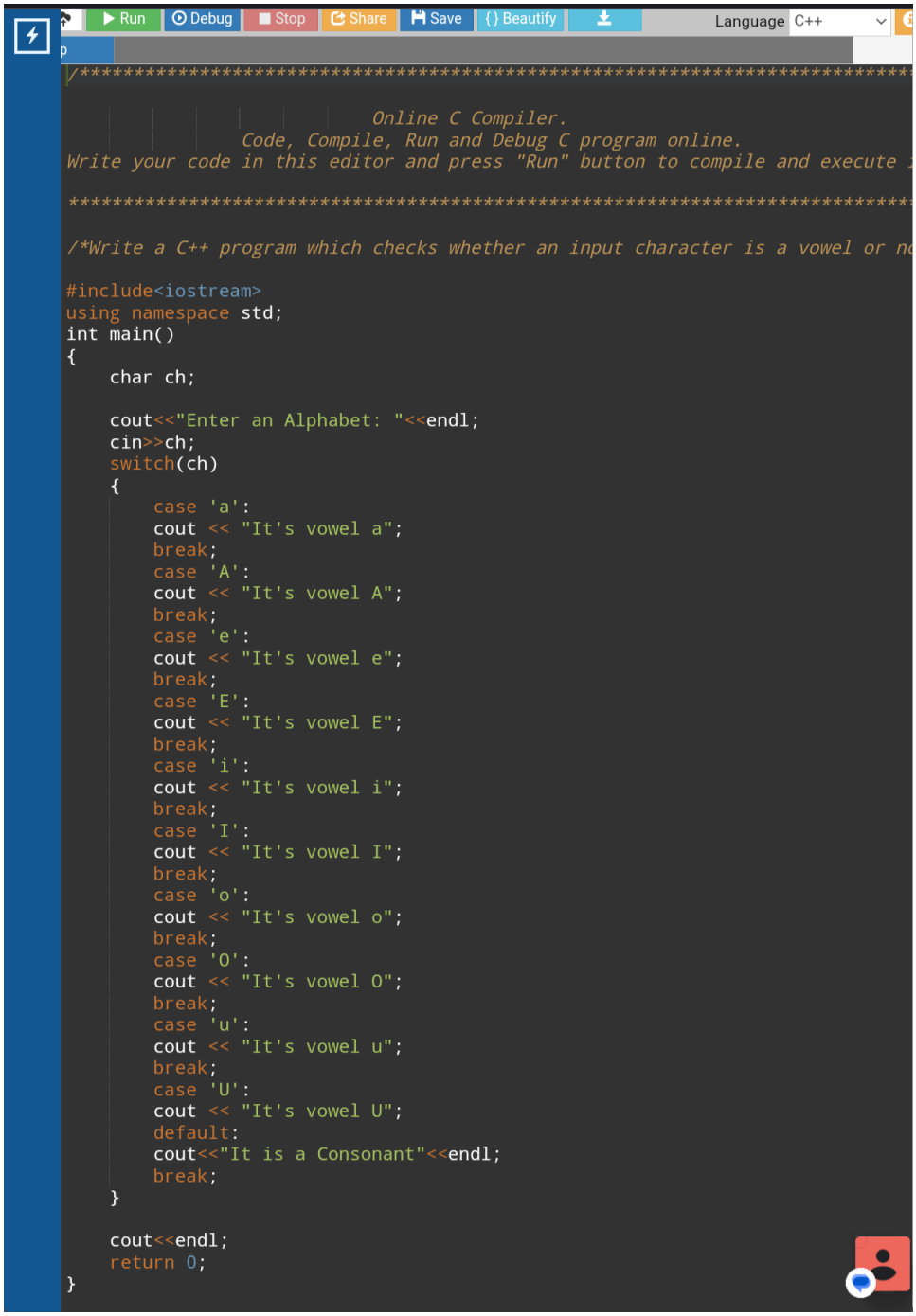
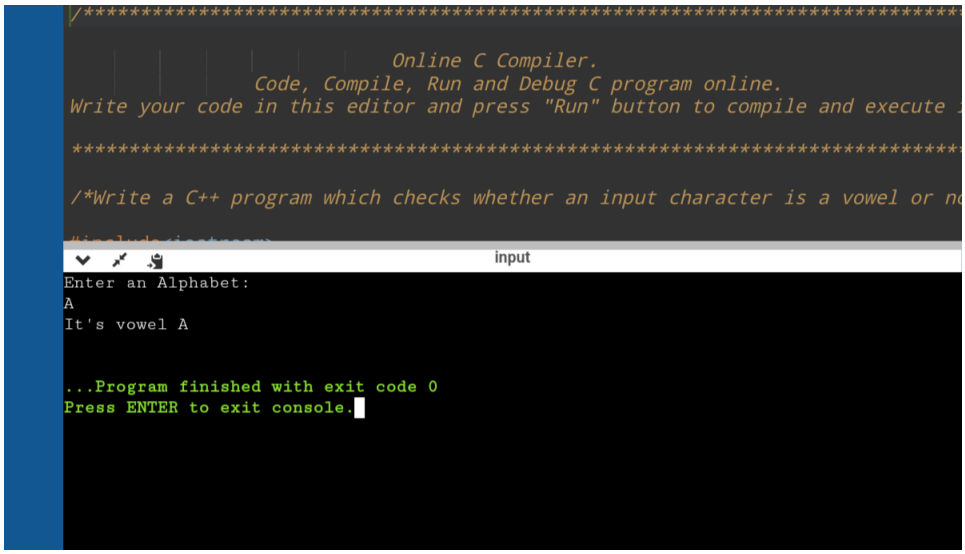
LAB EXAM C++ Programming

1. Write a C++ program which checks whether an input character is a vowel or not.


Run
Debug
Stop
Share
Save
{} Beautify
Language
C++
/*
Online C Compiler.
Code, Compile, Run and Debug C program online.
Write your code in this editor and press "Run" button to compile and execute
*
/*Write a C++ program which checks whether an input character is a vowel or n
#include<iostream>
using namespace std;
int main()
{
char ch;
cout<<"Enter an Alphabet: "<<endl;
cin>>ch;
switch(ch)
{
case 'a':
cout << "It's vowel a";
break;
case 'A':
cout << "It's vowel A";
break;
case 'e':
cout << "It's vowel e";
break;
case 'E':
cout << "It's vowel E";
break;
case 'i':
cout << "It's vowel i";
break;
case 'I':
cout << "It's vowel I";
break;
case 'o':
cout << "It's vowel o";
break;
case 'O':
cout << "It's vowel O";
break;
case 'u':
cout << "It's vowel u";
break;
case 'U':
cout << "It's vowel U";
default:
cout<<"It is a Consonant"<<endl;
break;
}
cout<<endl;
return 0;
}


Online C Compiler.
Code, Compile, Run and Debug C program online.
Write your code in this editor and press "Run" button to compile and execute
/*Write a C++ program which checks whether an input character is a vowel or no
input
Enter an Alphabet:
A
It's vowel A
...Program finished with exit code 0
Press ENTER to exit console.

2. Write a C++ program to

a. create a text file named FIRST.TXT contains some text written into it,

b. write a function named copyupper(), that reads the file FIRST.TXT

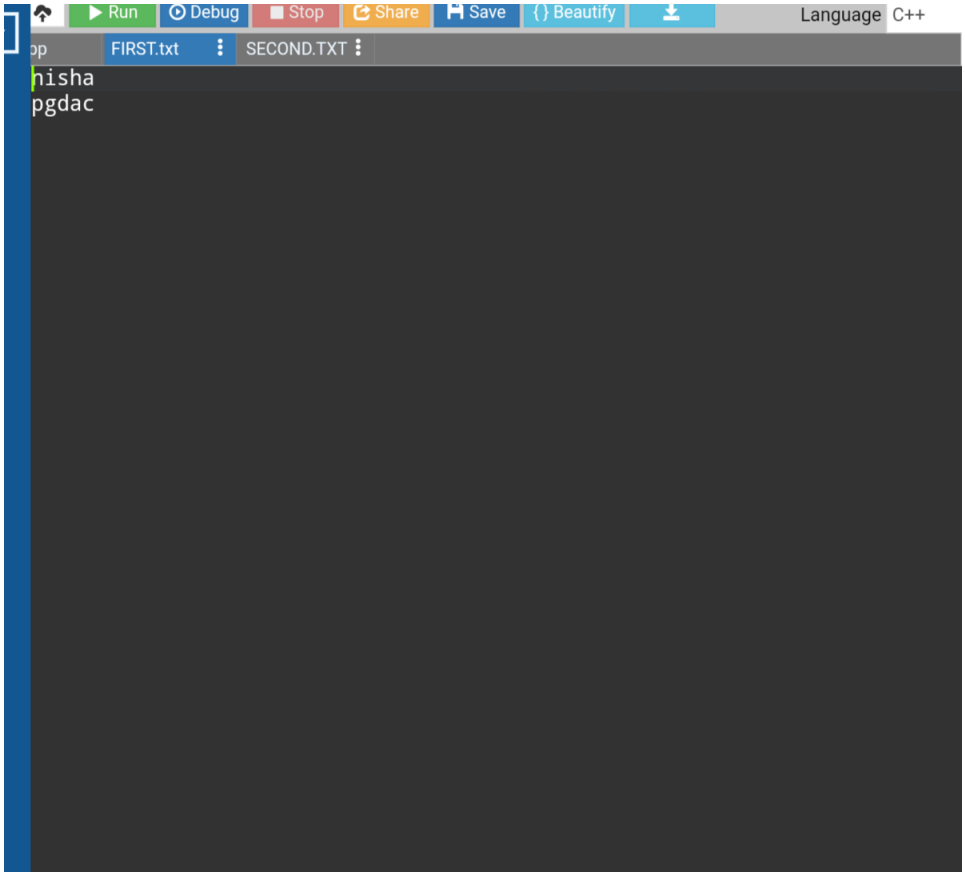
c. create a new file named SECOND.TXT contains all words from the file

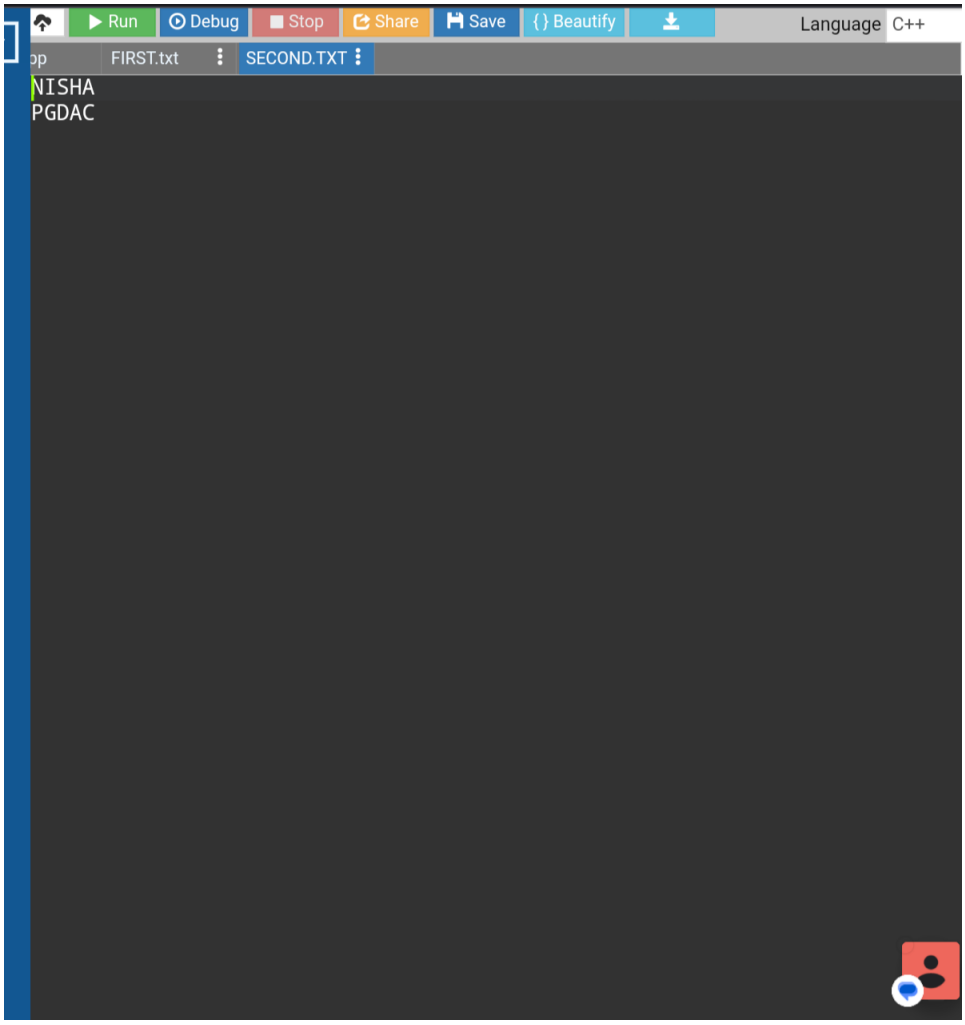
FIRST.TXT in uppercase.

d. Display the contents of both the file.

```cpp
#include <iostream>
#include <fstream>
#include <string.h>
using namespace std;
void copyupper();
void Display();
int main()
{
    char name[50];
    char course[50];
    cout<<"Enter the name"<<endl;
    cin>>name;
    cout<<"Enter the Course"<<endl;
    cin>>course;


    ofstream obj;
    obj.open("FIRST.txt");
    obj<<name<<endl;
    obj<<course<<endl;
    obj.close();
    copyupper();
    Display();
    return 0;
}
void copyupper()
{
    ifstream obj;
    fstream fout;
    obj.open("FIRST.txt");
    char uppername[30];
    char uppercourse[30];
    obj>>uppername;
    obj>>uppercourse;
    obj.close();

    for (int x=0; x<strlen(uppername); x++)
    {
        uppername[x] =toupper(uppername[x]);
    }

    for (int x=0; x<strlen(uppercourse); x++)
    {
        uppercourse[x] =toupper(uppercourse[x]);
    }

   fout.open("SECOND.TXT");

    fout<<uppername<<endl;
    fout<<uppercourse<<endl;


    fout.close();
}
```

```
void copyupper()
{
    ifstream obj;
    fstream fout;
    obj.open("FIRST.txt");
    char uppername[30];
    char uppercourse[30];
    obj>>uppername;
    obj>>uppercourse;
    obj.close();

    for (int x=0; x<strlen(uppername); x++)
    {
        uppername[x] =toupper(uppername[x]);
    }

    for (int x=0; x<strlen(uppercourse); x++)
    {
        uppercourse[x] =toupper(uppercourse[x]);
    }

   fout.open("SECOND.TXT");

    fout<<uppername<<endl;
    fout<<uppercourse<<endl;


    fout.close();
}

void Display()
{
    ifstream obj;
    fstream fout;
    obj.open("FIRST.txt");
    char NameFromFile[30];
    char CourseFromFile[30];
    obj>>NameFromFile;
    cout<<"Name from the (FIRST.txt) file is  "<<NameFromFile<<endl;
    obj>>CourseFromFile;
    cout<<"Course from the (FIRST.txt) file is  "<<CourseFromFile<<endl;
    obj.close();

    obj.open("SECOND.txt");
    obj>>NameFromFile;
    cout<<"Name from the (SECOND.txt) file is  "<<NameFromFile<<endl;
    obj>>CourseFromFile;
    cout<<"Course from the (SECOND.txt) file is  "<<CourseFromFile<<endl
    obj.close();


}
```


Run
Debug
Stop
Share
Save
{ } Beautify
Language
C++
FIRST.txt
SECOND.TXT
nisha
pgdac


Run
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Language
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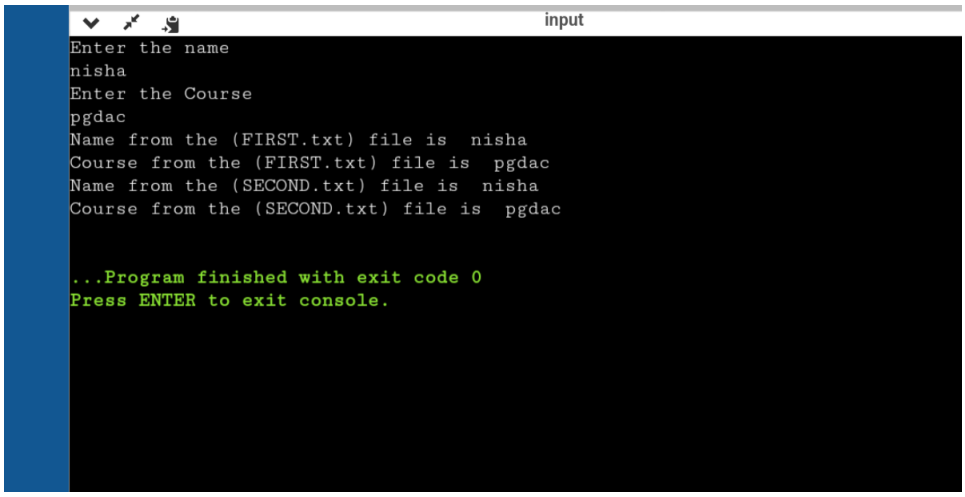
FIRST.txt
SECOND.TXT
NISHA
PGDAC


input
Enter the name
nisha
Enter the Course
pgdac
Name from the (FIRST.txt) file is nisha
Course from the (FIRST.txt) file is pgdac
Name from the (SECOND.txt) file is nisha
Course from the (SECOND.txt) file is pgdac
...Program finished with exit code 0
Press ENTER to exit console.