**PROBLEM STATEMENT:**

Write a C++ program that creates an output file, writes information to it, closes the file, open it again as an input file and read the information from the file.

**PROGRAM/SOURCE CODE:**

***#include* <iostream>**

**using namespace std;**

***#include* <fstream>**

**class FileOperations**

**{**

**public:**

**void writeDataToFile(string filename)**

**{**

**ofstream ofs(filename);**

***if* (ofs.is\_open())**

**{**

**cout << "success..." << endl;**

***for* (int i = 0; i <= 100; i++)**

**{**

***if* (i % 10 == 0 && i > 0)**

**{**

**ofs << " " << i << "\n";**

***continue*;**

**}**

**ofs << " " << i;**

**}**

**}**

***else***

**{**

**cout << "failure..." << endl;**

**}**

**ofs.close();**

**}**

**void readFromFile(string filename)**

**{**

**ifstream ifs(filename);**

***if* (ifs.is\_open())**

**{**

**string ipline;**

**cout << "success..." << endl;**

***while* (getline(ifs, ipline))**

**{**

**cout << ipline;**

**}**

**}**

***else***

**{**

**cout << "failure..." << endl;**

**}**

**ifs.close();**

**}**

**};**

**int main()**

**{**

**FileOperations fop;**

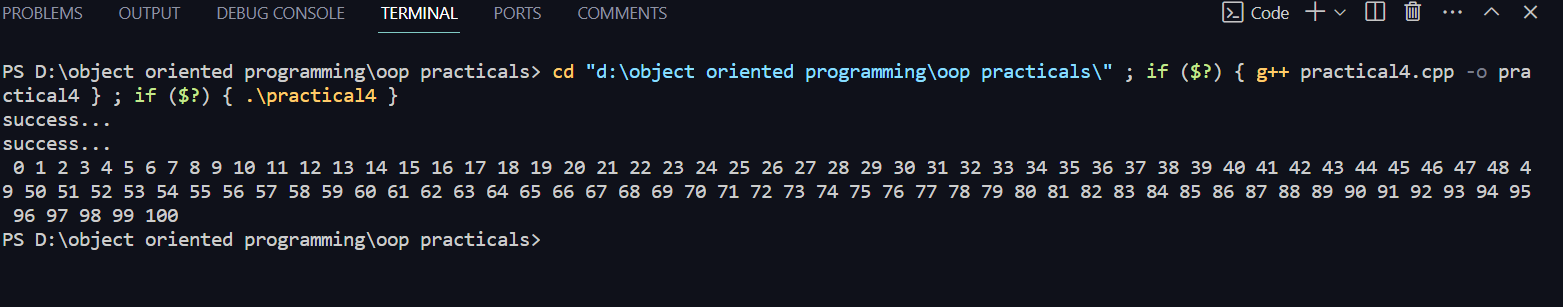
**fop.writeDataToFile("output.txt");**

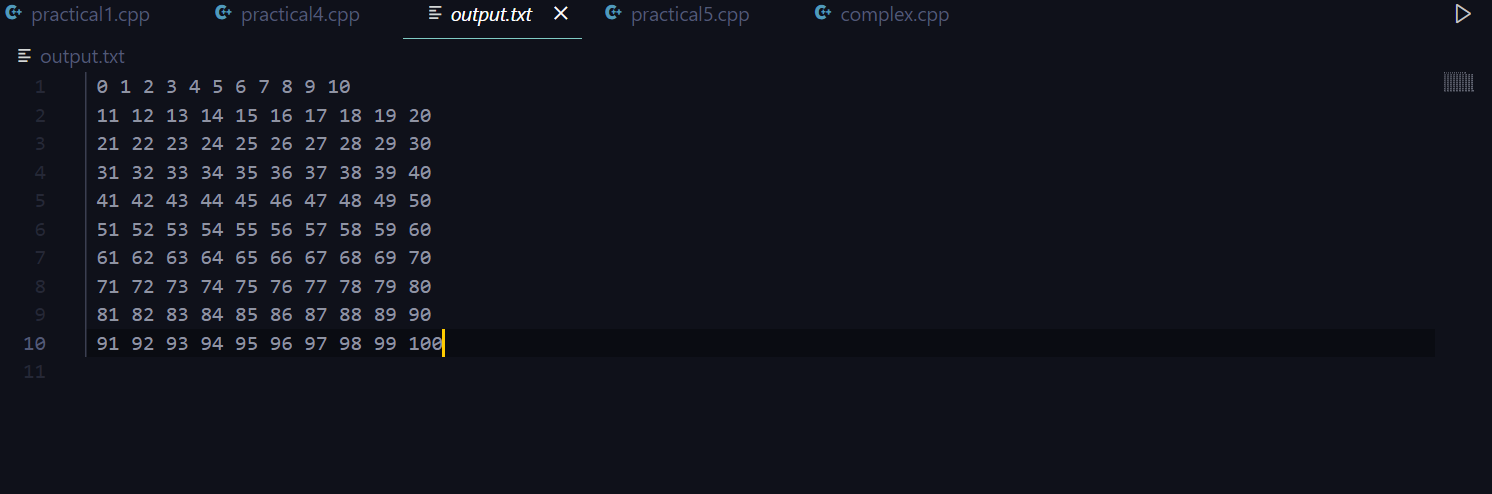
**fop.readFromFile("output.txt");**

***return* 0;**

**}**

**OUTPUT:**

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