

University of Central Florida

DEPARTMENT OF ELECTRICAL ENGINEERING & COMPUTER SCIENCE

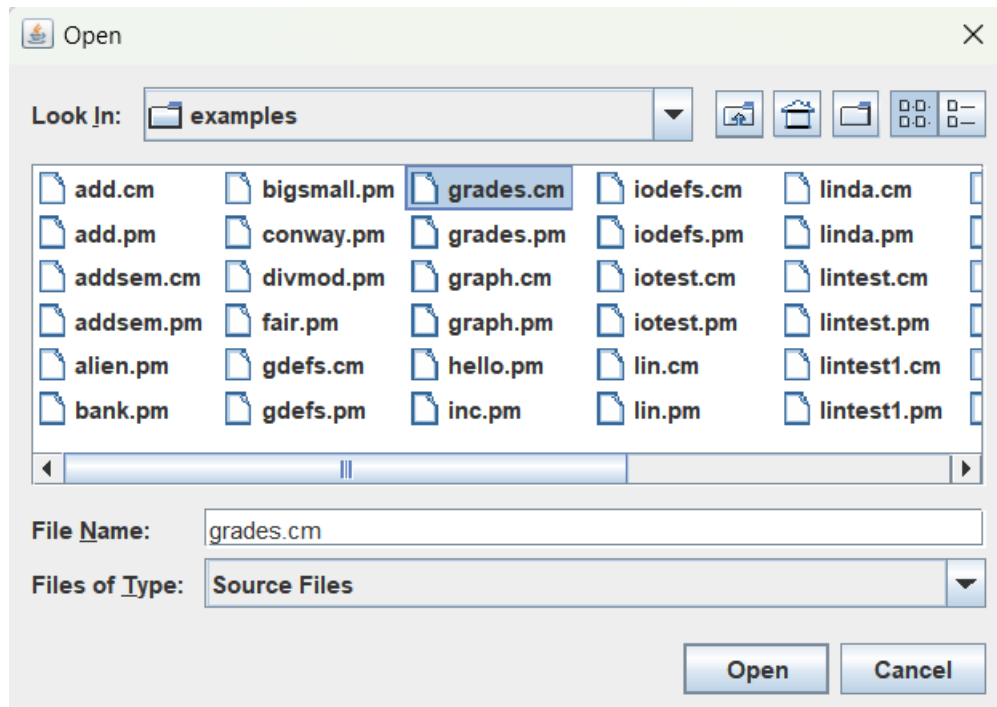
COMPUTER SCIENCE DIVISION

CGS 3763 Operating Systems

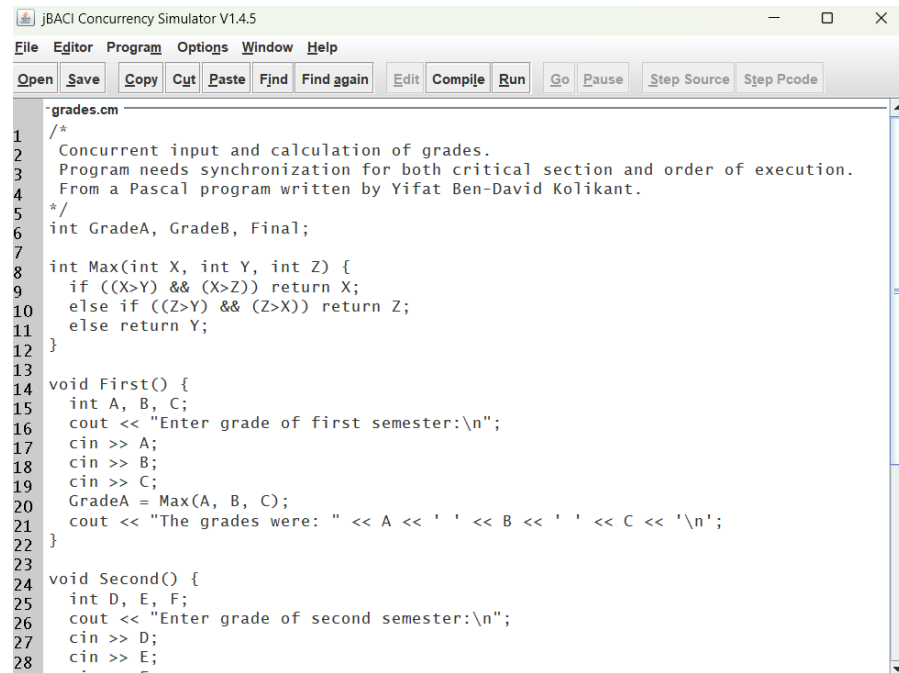
Jack Sweeney 2/26/2023

Deliverables

1. **Windows** images need to include the following:
 - a. The selected example : grades



b. The source code loaded in the compiler



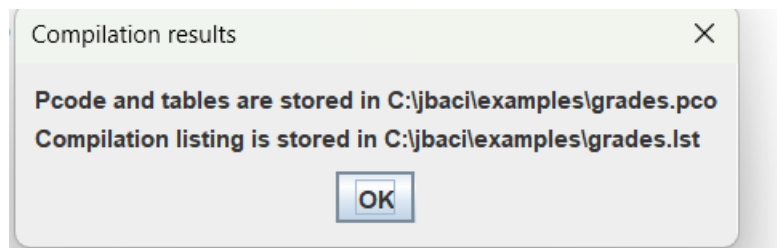
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jBACI Concurrency Simulator V1.4.5
File Editor Program Options Window Help
Open Save Copy Cut Paste Find Find again Edit Compile Run Go Pause Step Source Step Pcode

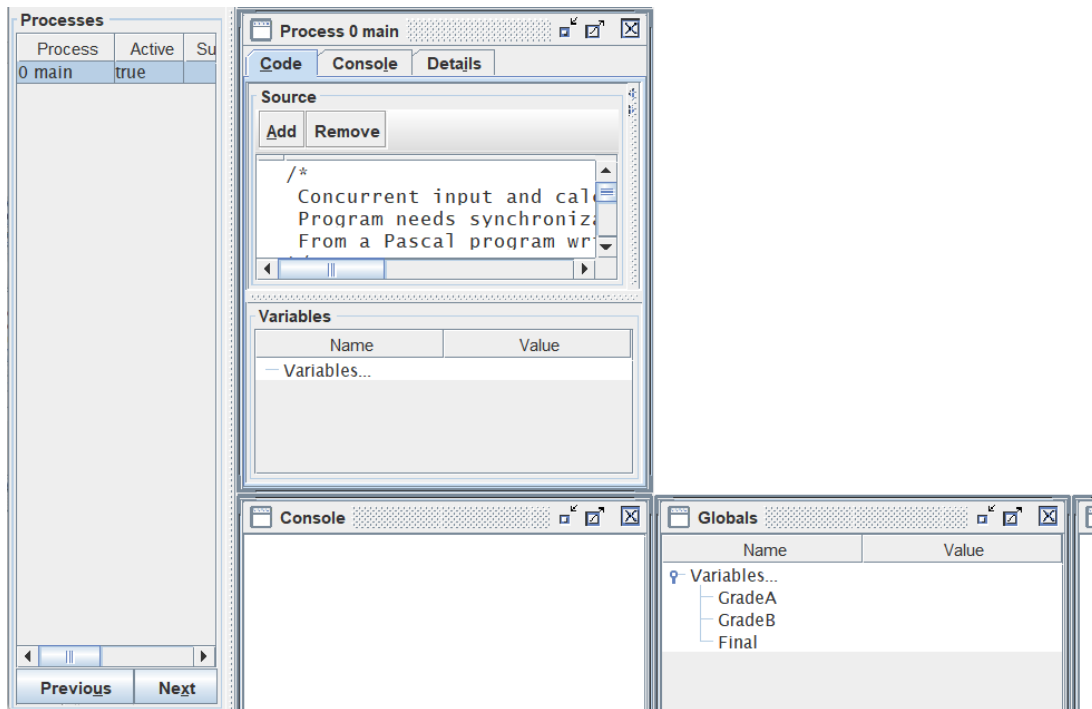
grades.cm
1  /*
2  Concurrent input and calculation of grades.
3  Program needs synchronization for both critical section and order of execution.
4  From a Pascal program written by Yifat Ben-David Kolikant.
5  */
6  int GradeA, GradeB, Final;
7
8  int Max(int X, int Y, int Z) {
9      if ((X>Y) && (X>Z)) return X;
10     else if ((Z>Y) && (Z>X)) return Z;
11     else return Y;
12 }
13
14 void First() {
15     int A, B, C;
16     cout << "Enter grade of first semester:\n";
17     cin >> A;
18     cin >> B;
19     cin >> C;
20     GradeA = Max(A, B, C);
21     cout << "The grades were: " << A << ' ' << B << ' ' << C << '\n';
22 }
23
24 void Second() {
25     int D, E, F;
26     cout << "Enter grade of second semester:\n";
27     cin >> D;
28     cin >> E;
29     ...

```

c. The successful compilation of the C - - source code



d. The UI view when the Run button is clicked



e. The UI view when the Go button is clicked

