

**Principle Of Software Engineering**  
**Assignment 4**  
**Cohesion And Coupling**

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**Coupling**

1. In cafe.cpp and employee.cpp “Content coupling” is there.
2. In cafe.cpp and table.cpp “Content coupling” is there.
3. In cafe.cpp and menu.cpp “Content coupling” is there.
4. In cafe.cpp and simulate.cpp “Content coupling ” is there.
5. In cafe.cpp and print\_home.cpp “Content coupling” is there.
6. In cafe.cpp and employee.cpp “Global Data coupling” is there.
7. In cafe.cpp and table.cpp “Global Data coupling” is there.
8. In cafe.cpp and menu.cpp “Global Data coupling” is there.
9. In cafe.cpp and simulate.cpp “Global Data coupling” is there.
10. In cafe.cpp and print\_home.cpp “Global Data coupling” is there.

(\*)Global Data coupling is there because they are using Global data.

(\*\*) Content coupling is there because of Module1 is local data of Module 2 and Module 1 branches out into Module 2.

**Cohesion**

In cafe.cpp:

functional Cohesion, procedural cohesion, Communicational cohesion and sequential cohesion is there.

In simulate.cpp

functional cohesion, procedural cohesion is there.

In menu.cpp

No cohesion is present.

In print\_home.cpp and employee.cpp

No cohesion is present.

