

Software Engineering Assignment.

23rd Aug, 2021

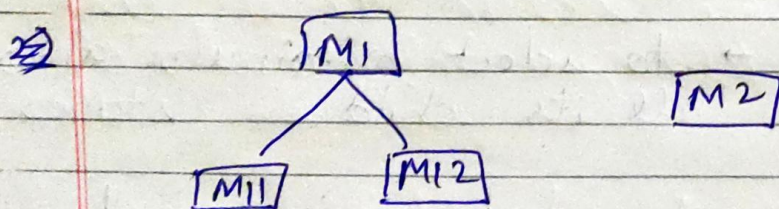
19BCE10071

ABHISHEK SRIVASTAVA

Types of Coupling:-

1) NO DIRECT COUPLING

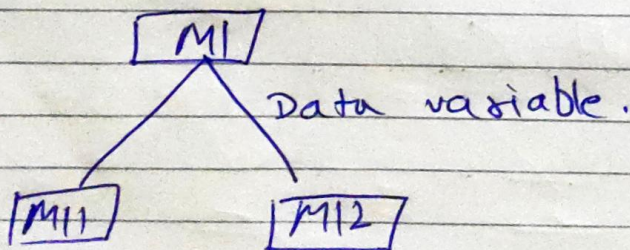
There is no direct coupling between M1 and M2.



In this case, submodules are subordinates of different modules. Therefore, no direct coupling.

2) Data Coupling.

When data of one module is passed into another module, this is called data coupling.



3) Stamp Coupling

Two modules are stamp coupled if they communicate using composite data items such as structure, objects, etc. When the module passes non-global data structure or entire-structure to another module, they are said to be stamp coupled. For example, passing object in C++.

4) Control Coupling

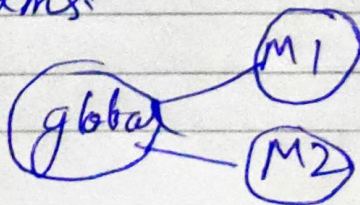
It exists among two modules if data of form one module is used to direct the structure of instruction execution in another.

5) External Coupling

It arises when two modules share an externally imposed data format, communicating protocols, or device interface. This is relation to communication to external tools & devices.

6) Common Coupling

Two modules are common coupled if they share information through global data items.



19BCE10071

ABHISHEK SRIVASTAVA

7) Content Coupling

It exist among two modules if they share code, eg, a branch from one module into another module.
