

## Cohesion

Cohesion refers to the degree to which the responsibilities of a single module are related & focussed.

It measures how strongly the internal elements of a module are connected & work together to achieve a common purpose.

High cohesion promotes reusability, maintainability, and understandability of the code.

The higher the degree of cohesion, better the quality of the software.

## Coupling

Coupling refers to the degree of interdependence between two or more modules in a system.

It measures how closely the modules are connected & how much they rely on each other.

Low Coupling promotes independence, modularity, and flexibility of the code.

The lower the degree of coupling, better the quality of the software.

Ref: [Cohesion and Coupling | Engati](#)