

Modularity

TalentSprint WE

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Modularity

Modular programming is the process of subdividing a computer program into sub-programs.

What exactly is modularity?

Modularization is essentially splitting up the functionality of a program into separate entities called modules.

The benefits of using modular programming include:

- Code is short, simple and easy to understand.
- Program designing is easier.
- The code is stored across multiple files.
- Errors can easily be identified.
- Makes code reusable.
- Controls scoping.

Modularity increases:

- Readability
- Testability
- Changeability
- Reusability

```
if ((i % 2 && count < 35) || i < 0)  
    ...
```

// Becomes...

```
even = i % 2;  
small_list = count < 35;  
negative = i < 0;  
if ((even && small_list) || negative)  
    ...
```

Seat Number	Id_Number	Name
21	2000162	Bhanuja Aggarwal
22	2000090	Amrita Sundaray
23	2000132	S.V.S. Lakshmi
24	2000168	Medini Rachapudi
25	2000097	Navya Gangidi

Thank You