

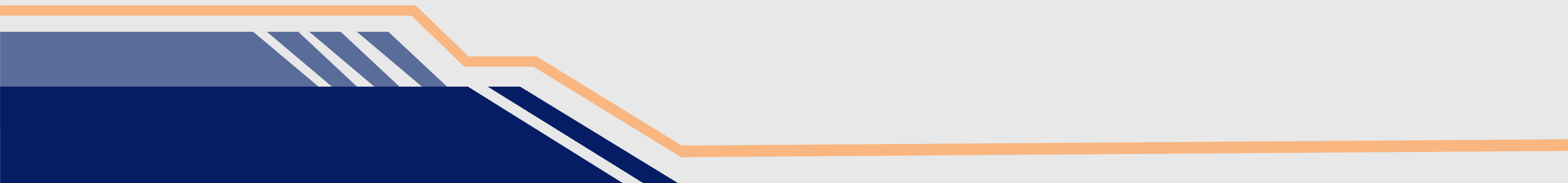
CHALLENGES 0

THIS IS MY CURRENT VERSION.





TOPIC 01: WHAT'S THE TOP-DOWN APPROACH?



WHAT'S A TOP-DOWN APPROACH?

In a top-down approach, start by examining the entire system, breaking it into modules. These modules are then subdivided until they can't be further. This process, called 'modularization' maintains algorithm integrity. Ideal for designing software from scratch without specific details. This approach allows addressing significant issues by dividing them into smaller independent modules.





HOW THE TOP-DOWN APPROACH WORKS?

1. Define a clear and measurable main objective or problem.
2. Modularize by breaking it into sub-modules.
3. Address each sub-goal through modularization, minimizing them for better manageability.
4. Iterate steps 2 and 3 until the overall objective or problem is resolved.

APPLY THE TOP-DOWN APPROACH TO THE ASSIGNMENT

Researching the top-down approach for this assignment reveals a major goal. Challenges within the program are smaller modules of a larger objective. To make it feasible and measurable, we break these down into smaller, manageable units.

For this topic, we've divided it into three modules:

Apply the top-down approach ---> How it works ---> Learn about the top-down approach.

THANK YOU

