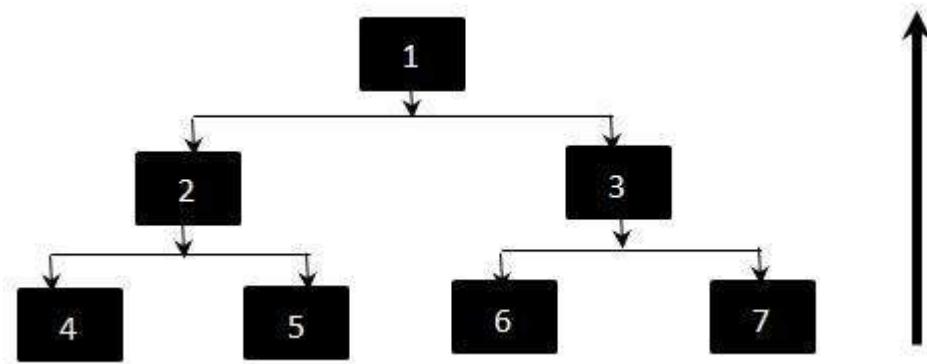


# BOTTOM UP TESTING

## What is Bottom Up Testing?

Each component at lower hierarchy is tested individually and then the components that rely upon these components are tested.

## Bottom Up Integration - Flow Diagram



The order of Integration by Top-down approach will be:

```
4, 2
5, 2
6, 3
7, 3
2, 1
3, 1
```

## Testing Approach :

- + Firstly, Test 4,5,6,7 individually using drivers.
- + Test 2 such that it calls 4 and 5 separately. If an error occurs we know that the problem is in one of the modules.
- + Test 1 such that it calls 3 and If an error occurs we know that the problem is in 3 or in the interface between 1 and 3

Though Top level components are the most important, yet tested last using this strategy. In Bottom-up approach, the Components 2 and 3 are replaced by drivers while testing components 4,5,6,7. They are generally more complex than stubs.