

Multi-Threading (Java)

Chapter-1

What is the need of
Multi-threading
concept
in language?

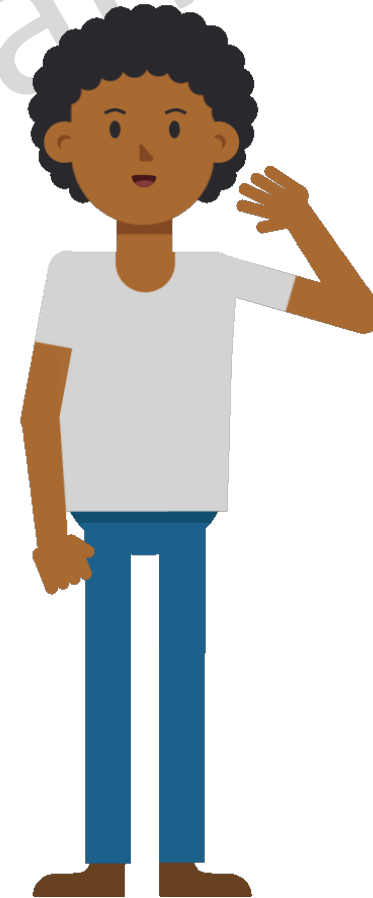


RESTAURANT

1-CHEF

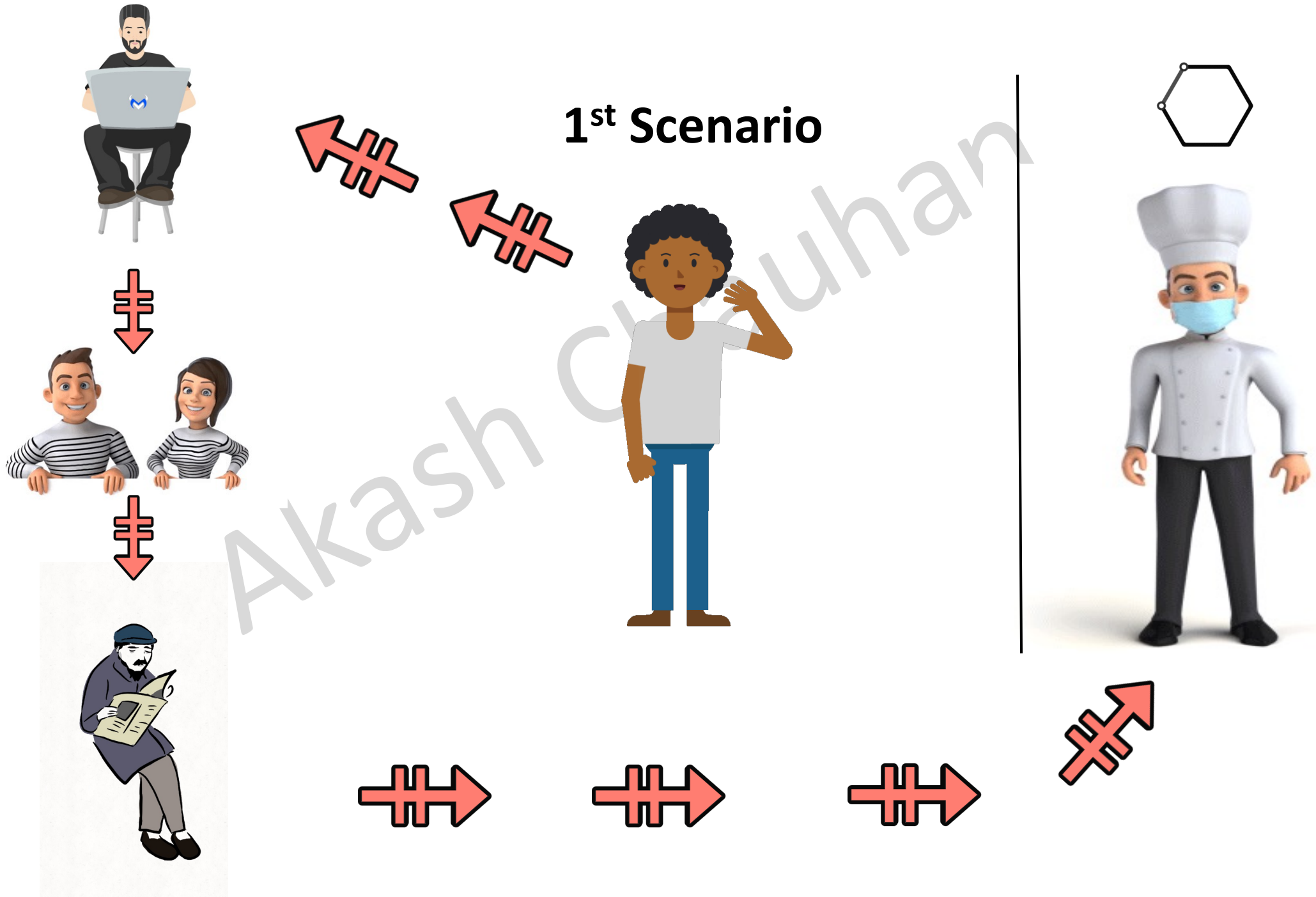


1-WAITER

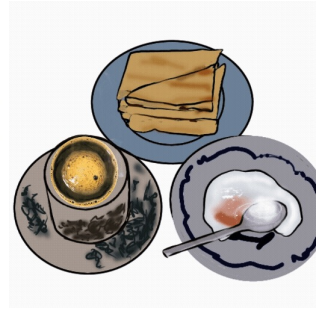
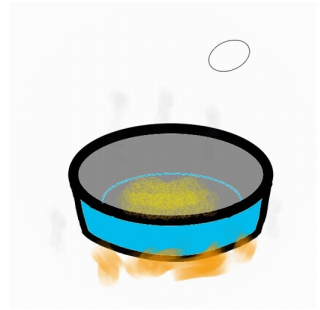
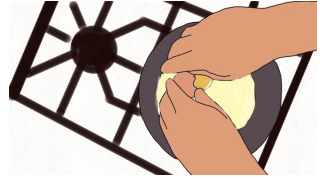
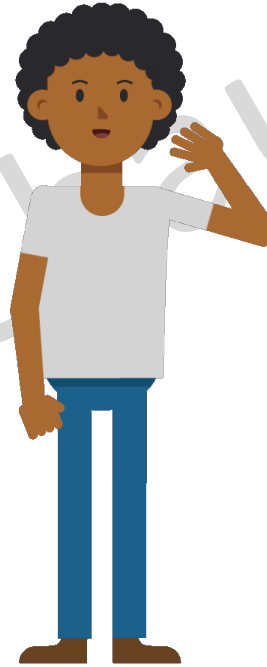
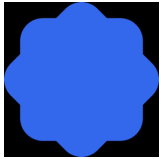
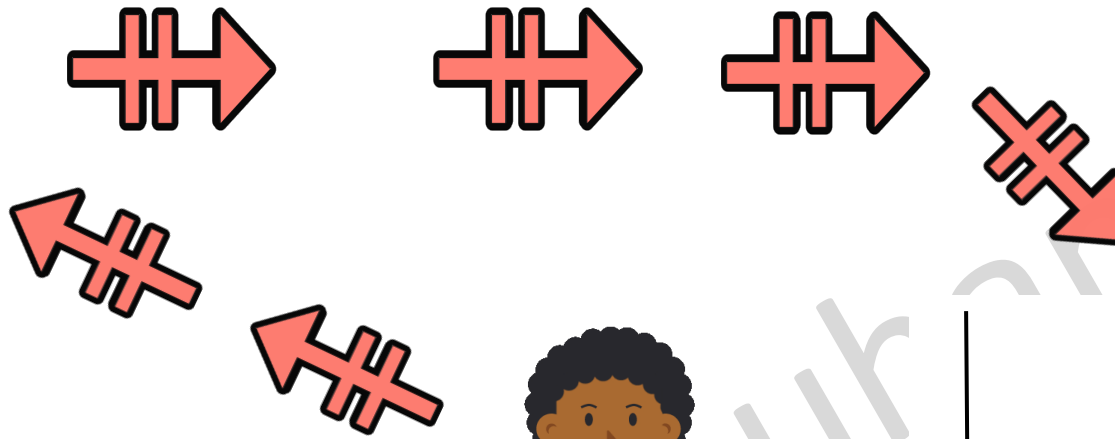
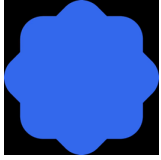


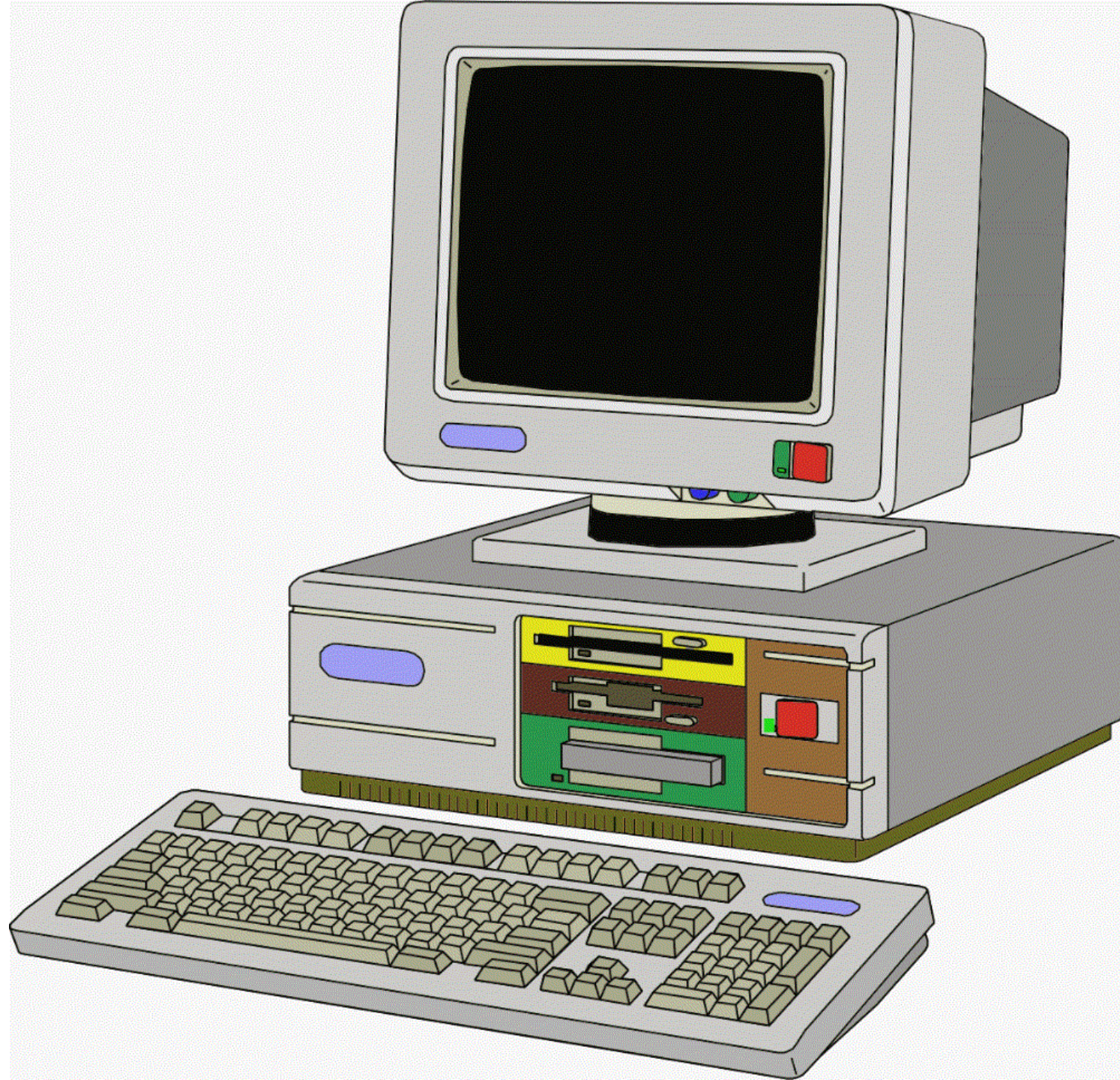


1st Scenario



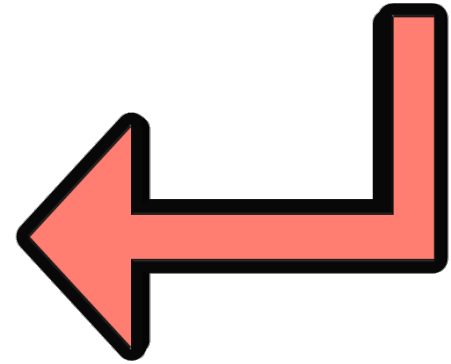
2nd Scenario





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CPU



MULTI-THREADING

- Multi-Threading is a concept of executing two or more threads simultaneously/concurrently to maximize the utilization of CPU.

Thread (Threads can be used to execute independent tasks (code) simultaneously/concurrently)

How to create *THREAD* (Java)

1. By extending
Thread class

2. By Implementing
Runnable Interface

```
@override  
public void run(){  
...  
...  
...  
}
```