

CS3101- Computational Thinking

Week 2 - Sep 20, 2023

Decomposition

(Note: Use a bullet-point for each smaller step)

AIM: TO LEARN TO DECOMPOSE A PROBLEM TO SMALLER PROBLEMS

Activity 1: Assume there is a team of 10 people. If the team is asked to search for a toy kept hidden in any of the rooms in the department, design a strategy to search for the toy.

- Will the same strategy be a good one if there are 20 people in the team?
- Can you think of a better strategy?
- Will the same strategy be a good one if there are 4 people in the team?
- Can you think of a better strategy?

Activity 2: Arrange your study room.