**GTU Department of Computer Engineering**

**CSE443 Object Oriented Analysis and Design**

**Fall 2021 - Homework 3 Report**

**Akif KARTAL**

**171044098**

**Question 1**

**Question 2 – Composite and Iterator**

**Solution**

**2.1 Understanding the problem**

The problem is like the following picture;

Diagram

Description automatically generated

Here, I will apply composite design pattern with iterator pattern.

**2.2 Class Diagram**