**Gebze Technical University**

**Computer Engineering**

**CSE 222 - 2018 Spring**

**HOMEWORK 6 REPORT**

**STUDENT NAME**

**STUDENT NUMBER**

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# Q1

This part about Question1 in HW7

## Problem Solution Approach

Explain simply graph creation, how to find shortest path.

Write roughly the changes you make.

## Test Cases

Show that this func results ->

* plot\_graph
* is\_undirected
* is\_acyclic\_graph
* shortest\_path (use least 3 different label pair)

# Q2

This part about Question2 in HW7

## Problem Solution Approach

Explain simply graph creation, how to find shortest path.

Write roughly the changes you make.

## Test Cases

Show that this func results ->

* plot\_graph
* is\_undirected
* is\_acyclic\_graph
* is\_connected function (use least 3 different label pair)

# Q3

This part about Question3 in HW7

## Problem Solution Approach

Explain simply graph creation, how to find shortest path.

Write roughly the changes you make.

## Test Cases

Show that this func results ->

* plot\_graph
* is\_undirected
* is\_acyclic\_graph
* DepthFirstSearch (Show that spanning tree)
* BreathFirstSearch (Show that spanning tree)

# Q4

If you used the handwriting, add this part 1 page pdf include answer of Q4.