



## Session 2

### Assignment 2 Question

## *Session 2: Assignment 2*

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## 1. Introduction

This assignment will help you to consolidate the concepts learnt in the session.

## 2. Problem Statement

Implement List comprehensions to produce the following lists.

Write List comprehensions to produce the following Lists

`['A', 'C', 'A', 'D', 'G', 'I', 'L', 'D']`

`['x', 'xx', 'xxx', 'xxxx', 'y', 'yy', 'yyy', 'yyyy', 'z', 'zz', 'zzz', 'zzzz']`

`['x', 'y', 'z', 'xx', 'yy', 'zz', 'xx', 'yy', 'zz', 'xxxx', 'yyyy', 'zzzz']`

`[[2], [3], [4], [3], [4], [5], [4], [5], [6]]`

`[[2, 3, 4, 5], [3, 4, 5, 6], [4, 5, 6, 7], [5, 6, 7, 8]]`

`[(1, 1), (2, 1), (3, 1), (1, 2), (2, 2), (3, 2), (1, 3), (2, 3), (3, 3)]`

**NOTE: The solution shared through Github should contain the source code used and the screenshot of the output.**

## 3. Output

N/A