**CSF 2113 Lab 2.1: Containers (Lists)**

**Using Lists in Python**

1. **Creation/Initialization**

What is the output of following python code?

|  |
| --- |
|  |
|  |

1. **Indexing**

Write down the output of following code segment:

|  |
| --- |
|  |
|  |

1. **Slicing**

Write down the output of following code segment:

|  |
| --- |
|  |
|  |

**List Mutability**

1. **Changing Value of the existing element**

What is the output of following python code?

|  |
| --- |
|  |
|  |

1. **Appending, Inserting and Removing elements**

Write down the output of following code segment:

|  |
| --- |
|  |
|  |

1. **Sorting and Reversing**

Write down the output of following code segment:

|  |
| --- |
|  |
|  |
|  |
|  |

**Searching in List**

**1. Searching in List**

What is the output of following python code?

|  |
| --- |
|  |
|  |

**Creating and populating list**

**1. Creating list by different methods**

What is the output of following python code?

|  |
| --- |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |

**End of Lab**