S.Rajalakshmi | B.Senthil Kumar | S. Lakshmi Priya SSN COLLEGE OF ENGINEERING Department of Computer Science & Engineering UCS1313: Object Oriented Programming Using Java Lab 2019-2020 Odd - III Semester Assignment - VI: Generic Classes / Methods



Objective:

- 1. To create a Generic class / method / constructor.
- 2. To use the Generic class in class hierarchy.

- 1. Implement a stack using Generics and perform the operations: Push, Pop, IsEmpty(), IsFull(), clear.
- 2. Using Generic method, sort the various types of elements. Bound the type parameter.

Design a class called Stack as described below:

| | Stack< > | |
|-----------------------|----------|--|
| | | |
| +Stack<> | | |
| +push() | | |
| +pop() | | |
| <pre>+isEmpty()</pre> | | |
| +isFull() | | |