Exercise - 7 – Generics

Objective:

1. To test the creation and usage of Generics class, methods and bounded types in Java

Sample Learning Outcome:

1. Need of Generics and steps to create it in Java

2. Create a generic class and generic method

3. Usage of bounded types in generics

Best Practices:

1. Class Diagram usage

2. Naming convention – for file names, variables

3. Comment usage at proper places

4. Prompt messages during reading input and displaying output

5. Incremental program development

6. Modularity

7. All possible test cases in output

1. Write a java program to create a generic stack and perform the operations.
2. Write a java program to find the maximum value from the given type of elements using a generic function.
3. Perform a sorting operation on various types of elements using generic method.