

Roll No.
Name of the Student:
Batch:
Date of Submission:

ASSIGNMENT NO: 6

Aim

Demonstrate the use of Collection Frameworks in Java

Problem Statement

Write a Java program to

- create a new array list and print out the collection by position
- add some elements (string)
- search an element in an array list
- reverse elements in an array list
- test an array list is empty or not
- join two array lists

Objectives:

1. To study the concept of collection framework
2. To get familiar with features of collection framework in Java

Theory:

Explain following concepts with their syntax and appropriate example in Java

- Concept of collection framework in Java
- Benefit of Generics in Collections Framework
- Basic interfaces of Java Collections Framework
- Types of collections allowed by the Java collections framework, Explain with suitable syntax and examples

Platform:

- Windows / 64-bit Open source Linux or its derivatives.
- Eclipse IDE with Java

Input:

Students should write input provided

Output:

Students should write output obtained

Conclusion:

Thus, learnt the use of collection framework in java and performed array list operations.

FAQs:

1. Why do we use collection framework?
2. Which is best collection framework in Java?
3. What is difference between array and collection?
4. What is HashMap in Java?

***Attach copy of Implemented Java Code along with output.**