**Velammal College of Engineering and Technology, Madurai**

**An Autonomous Institution**

**Department of Computer Science and Engineering**

**21CS205 Object oriented programming lab**

**Exercise** 12

Generic Programming

Team 1

1. Write java programs that include generic method to satisfy the following property.
   1. To counts the number of odd integers in an integer list
   2. To exchange the positions of two different elements in an array.
   3. To find the maximal element in the range [begin, end] of a list.
2. Write a java program to search an element from the given type of elements using a generic function.

Team 2

* + 1. Write a program to perform the following operations on an array using generic classes
* Add an element in the beginning/middle/end
* Delete an element from a given position
  + 1. Write a java program to find the minimum value from the given type of elements using a generic function.

Team 3

1. Write java programs that include generic method to satisfy the following property.
   1. To counts the number of odd integers in an integer list
   2. To exchange the positions of two different elements in an array.
   3. To find the maximal element in the range [begin, end] of a list.
2. Write a java program to search an element from the given type of elements using a generic function.

Team 4

1. Write a program to perform the following operations on an array using generic classes

* Add an element in the beginning/middle/end
* Delete an element from a given position

1. Write a java program to find the maximum value from the given type of elements using a generic function.

Team 5

1. Write java programs that include generic method to satisfy the following property.
   1. To counts the number of odd integers in an integer list
   2. To exchange the positions of two different elements in an array.
   3. To find the maximal element in the range [begin, end] of a list.
2. Write a java program to search an element from the given type of elements using a generic function.

Team 6

1. Write a program to perform the following operations on an array using generic classes

* Add an element in the beginning/middle/end
* Delete an element from a given position

1. Write a java program to find the minimum value from the given type of elements using a generic function.

Team 7

1. Write java programs that include generic method to satisfy the following property.
   1. To counts the number of odd integers in an integer list
   2. To exchange the positions of two different elements in an array.
   3. To find the maximal element in the range [begin, end] of a list.
2. Write a java program to search an element from the given type of elements using a generic function.

Team 8

1. Write a program to perform the following operations on an array using generic classes

* Add an element in the beginning/middle/end
* Delete an element from a given position

1. Write a java program to find the maximum value from the given type of elements using a generic function.