

Abstract Data Type and Java Collections

PART(B)

Subject: CSW2(CSE3141)
Session: March 2022 to Aug 2022
Branch: CSE&CSIT
Section : All

- Q1.** Write a program to create an TreeSet of Integer type and perform the below operation on it.
- (a.) Display the TreeSet
 - (b.) Ask the user to enter a number and search that number is it present in the list or not.
 - (c.) Remove an element from tree.
- Q2.** Write a program to create a class named it as Address, having member variable plot no, at, post and required member function. Create a tree map having key as name of a person and value as address. Insert required key and value in the created tree map and display it.
- Q3.** Shortest remaining time next(SRTN) is a scheduling algorithm which serve first the process which having shortest remaining time among all the process. Write a java program which take N process burst time and print the scheduling sequence using SRTN.
- Q4.** Write a program to create a hash set of type string insert some element into it and display it.
- Q5.** Write a program to create a linked hash set of type double insert some element into it and display it.
- Q6.** Write a program to create a hash map insert some element into it and display it.
- Q7.** Write a program to read N number from user and keep it in suitable data structure so that no duplicate element is present in that.