***7th cycle Assignment Problems ……***

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| 1 | Perform sorting algorithm on   1. Distinct and repeated numbers 2. Complex numbers | Nagaeshwari |
| 2 | Perform an algorithm for partitioning and merging for set of elements | murali |
| 3 | a)Carry out fallowing operations on sorted set  1)insertion  2)deletion  3)searching  b)if A and B are not sorted ,sort first then perform  1)union  2)intersection | Anusha and nimisha |
| 4 | 1. Perform sorting algorithm by picking and swapping of elements 2. Perform picking and swapping algorithm in the input file itself 3. Find the period or traversal of the element. | Nandini and Abhilash |
| 5 | a) Find out smallest and largest elements simultaneously by picking and packing.  b) Trace the period or traversal of element. | Deepika and Ashwini |
| 6 | 1. Implement an algorithm to trace every location every element and also trace the duration of an element(1 clock is one duration) 2. If some names and register numbers are given perform sorting in order to print the result in rank order | Anjan and Roshini |
| 7 | 1. Trace the content of every location and position of every element at each time by insertion algorithm 2. If some names and register numbers are given, trace the location and position in order to print the result in rank order | Shushma and Prajwala |
| 8 | Permute the sequence randomly and check whether the permuted sequence is sorted or not | Navya and Amruth |
| 9 | Generate n! sequences and check weather sequence is sorted or not | Roopa and shashirekha |