Quiz1 for 9629373

The first question:
Current solution (permutation) for the TSP problem is: *debac*
Temperature is 6
The second question:

$$U = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10\}$$

$$S_1 = \{1, 2, 5\}$$

$$S_2 = \{1, 3, 9\}$$

$$S_3 = \{1, 3, 10\}$$

$$S_4 = \{3, 5, 8, 9\}$$

$$S_5 = \{4, 5, 6, 9\}$$

$$S_6 = \{4, 8, 9, 10\}$$

$$S_7 = \{1, 2, 3, 5, 8, 9\}$$

$$S_8 = \{1, 5, 6, 7, 8, 9\}$$