Class 2

Use Simplex method to solve the following. Make a **menu driven program** with the following options **(a)** List of all BFS **(b)** Print the initial simplex table **(c)** List of all Non-basic variables in the initial table **(d)** List of Basic variables along with min ratios in the first iteration **(e)** simplex table of the second iteration. **Solve one problem manually first.**

1. Maximize Subject to , ≥
2. Maximize Subject to , ≥
3. Maximize Subject to , ≥
4. Minimize Subject to , ≥
5. Maximize Subject to , ≥