1. Exercises from Chapter 5: Do 4, 5, 6 (Points 8 x 3)

2. Exercises from Chapter 6: Do 1, 3 (Points 8 x 2)

3. Assume that Alice and Bob are friends. Consider two conflict of class sets $COI_1 = \{X, Y\}$ and $COI_2 = \{U, V\}$. Let $CD_X$, $CD_Y$, $CD_U$, and $CD_V$ be the company data sets of companies X, Y, U and V. (Points 10)

Show all the possible assignments that are allowed and prohibited by the Chinese wall policy - consider read only assignments as well as read and write.

(Addendum)
Consider the following scenarios;

1. Only read accesses need to be provided to CDs
2. Both read and write accesses need to be provided together to any CD.
3. Both read/write required for $CD_X$, and $CD_Y$, and read-only to remaining CDs.

Note that Alice and Bob may not be able to cover all the CDs – for that you can assume there are others who can take on the assignment. You need to only consider Alice and Bob.