Assignment No 02

Deadline

Your assignment must be uploaded/submitted before or on **12th** of **October, 2015**.

Objectives

The objectives of this assignment are:

- To introduce students with various concepts related to Knowledge Representation.
- Making students proficient in applying the techniques used to represent knowledge.

Question No.1   **Marks 10**

What type of fact is each of the below (single-valued, multi-valued, fuzzy, uncertain).

1. If I sleep late, I will probably miss class tomorrow.
2. I have many pets; a cat, a dog, a turtle and a frog.
3. I am very intelligent
4. I was born in Lahore.
5. It might be windy today.

Question No.2   **Marks 10**

Suppose we have the initial population,

1	0	0	0	1	1	0	1

1	0	0	1	1	0	0	0

Suppose our goal is,

1	1	1	1	1	0	0	0

Do you think we can achieve this goal using only crossover if your answer is yes explain how if your answer is no tell why we can not achieve this goal.

Uploading Instructions:

Upload your assignment as a word file. It should have name [YourRollNo.doc]