COM S 461: ASSIGNMENT 3

Percentage in your final grade: 3%
Maximum score for this assignment: 100 points

Objectives:

1. Exercise your understanding of DBMS storage management

Questions:

1. (40 points): Access Manager and Disk Manager can be implemented as two Java class. Design the following methods (i.e. ,APIs) using Java language. For each method, explain the functionality and specify the data structures of input and output.
   a. The methods that Access Manager provides to the DBMS users.
   b. The methods that Disk Manager provides to Access Manager.

2. (60 points): Design the internal data structure for Access Manager using Java language, and for each of its methods which you design in Q1, give detailed pseudocode.

Submission Requirements:

1. Put your answers in a Word document, and email it to the TA and cc to the instructor.