Create a menu driven application "**TaskManager**" to manage your day-to-day tasks.

You can create a class Task with fields like taskId, taskName, description, taskDate, status, active.

**taskId** should be unique and generated automatically.

**status** should be either PENDING, IN PROGRESS or COMPLETED.

**active** should be either true or false. Deleted task will have active=false

Newly added task should have default status as PENDING and active=true

You can use suitable data structure to store data in memory.  
  
Following functionalities are expected -  
  
a. Add New Task         [**5 Marks**]  
b. Delete a task   [**5 Marks**]

c. Update task status           [**5 Marks**]  
d. Display all pending tasks     [**5 Marks**]  
e. Display all pending tasks for today           [**5 Marks**]  
f.  Display all tasks sorted by taskDate           [**5 Marks]**

\*  Basic structure of program     [**5 Marks**]  
\*  Java Coding conventions            [ **5 Marks**]