20230407 計算機概論 Assignment 08 勘誤版05

**題目：**

本次作業請寫一個Java程式，嘗試模擬一個google試算表，不需要呈現圖形化介面，但須呈現在CMD上，保持可讀性

題目要求:

1. 創立使用者
2. 讓使用者生成試算表（固定size: 5x5）
3. 顯示試算表（initial value: 0）
4. 更改試算表內的值
5. 設置試算表權限（read-only or editable, for every user）
6. 設置共享權限，與他人合作試算表
7. 讓試算表可以處理 “ + , - , \* , / ”
8. 終止跳出

注意：需使用class完成，裡面格式並無性規定可完成作業即可

輸出提醒：

1. Menu 左右“-”各10個
2. 選單最後的“-”共計25個
3. 每次輸出功能後需顯示sheet內容
4. 注意換行輸出（換行輸出錯誤，每個錯誤以兩分計算）
5. 唯讀轉換成可編輯輸出  
   <user\_name> <sheet\_name> Editable  
   可編輯轉換成唯讀輸出  
   <user\_name> <sheet\_name> ReadOnly
6. > 不用輸出，提醒各位那個部分是輸入的文字
7. 輸出與上一版有些為落差注意，句點我都移除了
8. 只要不是 > 前後就會有空白行隔開

範例：

==================================不包含這行開始

----------Menu----------

1. Create a user

2. Create a sheet

3. Check a sheet

4. Change a value in a sheet

5. Change a sheet's access right

6. Collaborate with an other user

7. Exit

-------------------------

> 1

> Kevin

Create a user named "Kevin"

----------Menu----------

1. Create a user

2. Create a sheet

3. Check a sheet

4. Change a value in a sheet

5. Change a sheet's access right

6. Collaborate with an other user

7. Exit

-------------------------

> 2

> Kevin SheetA

Create a sheet named "SheetA" for "Kevin"

----------Menu----------

1. Create a user

2. Create a sheet

3. Check a sheet

4. Change a value in a sheet

5. Change a sheet's access right

6. Collaborate with an other user

7. Exit

-------------------------

> 3

> Kevin SheetA

0, 0, 0, 0, 0,

0, 0, 0, 0, 0,

0, 0, 0, 0, 0,

0, 0, 0, 0, 0,

0, 0, 0, 0, 0,

----------Menu----------

1. Create a user

2. Create a sheet

3. Check a sheet

4. Change a value in a sheet

5. Change a sheet's access right

6. Collaborate with an other user

7. Exit

-------------------------

> 4

> Kevin SheetA

0, 0, 0, 0, 0,

0, 0, 0, 0, 0,

0, 0, 0, 0, 0,

0, 0, 0, 0, 0,

0, 0, 0, 0, 0,

> 1 2 3

0, 0, 0, 0, 0,

0, 0, 3, 0, 0,

0, 0, 0, 0, 0,

0, 0, 0, 0, 0,

0, 0, 0, 0, 0,

----------Menu----------

1. Create a user

2. Create a sheet

3. Check a sheet

4. Change a value in a sheet

5. Change a sheet's access right

6. Collaborate with an other user

7. Exit

-------------------------

> 4

> Kevin SheetA

0, 0, 0, 0, 0,

0, 0, 3, 0, 0,

0, 0, 0, 0, 0,

0, 0, 0, 0, 0,

0, 0, 0, 0, 0,

> 1 2 1.5+2

0, 0, 0, 0, 0,

0, 0, 3.5, 0, 0,

0, 0, 0, 0, 0,

0, 0, 0, 0, 0,

0, 0, 0, 0, 0,

----------Menu----------

1. Create a user

2. Create a sheet

3. Check a sheet

4. Change a value in a sheet

5. Change a sheet's access right

6. Collaborate with an other user

7. Exit

-------------------------

> 5

> Kevin SheetA

Kevin SheetA ReadOnly

----------Menu----------

1. Create a user

2. Create a sheet

3. Check a sheet

4. Change a value in a sheet

5. Change a sheet's access right

6. Collaborate with an other user

7. Exit

-------------------------

> 4

> Kevin SheetA

0, 0, 0, 0, 0,

0, 0, 3.5, 0, 0,

0, 0, 0, 0, 0,

0, 0, 0, 0, 0,

0, 0, 0, 0, 0,

> 1 2 2

This sheet is not accessible

0, 0, 0, 0, 0,

0, 0, 3.5, 0, 0,

0, 0, 0, 0, 0,

0, 0, 0, 0, 0,

0, 0, 0, 0, 0,

----------Menu----------

1. Create a user

2. Create a sheet

3. Check a sheet

4. Change a value in a sheet

5. Change a sheet's access right

6. Collaborate with an other user

7. Exit

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> 6

> Kevin SheetA Ray

Share "Kevin"'s "SheetA" with "Ray"

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**評分標準：**

依據功能度完成給予分數，

A(5%), B(25%), C(5%), D(25%), E(15%), F(25%)

評分標準詳見ee-class教材區「111-2 JAVA作業繳交及評分標準.pptx 」

**繳交格式：**

繳交方式、內容錯誤的斟酌扣分，完整作業格式詳見ee-class教材區「111-2 JAVA作業繳交及評分標準.pptx 」。

若對作業有疑問，請上Discord留言或詢問助教，如有作業勘誤會於ee-class公告區或DC公告版公告，請自行留意。