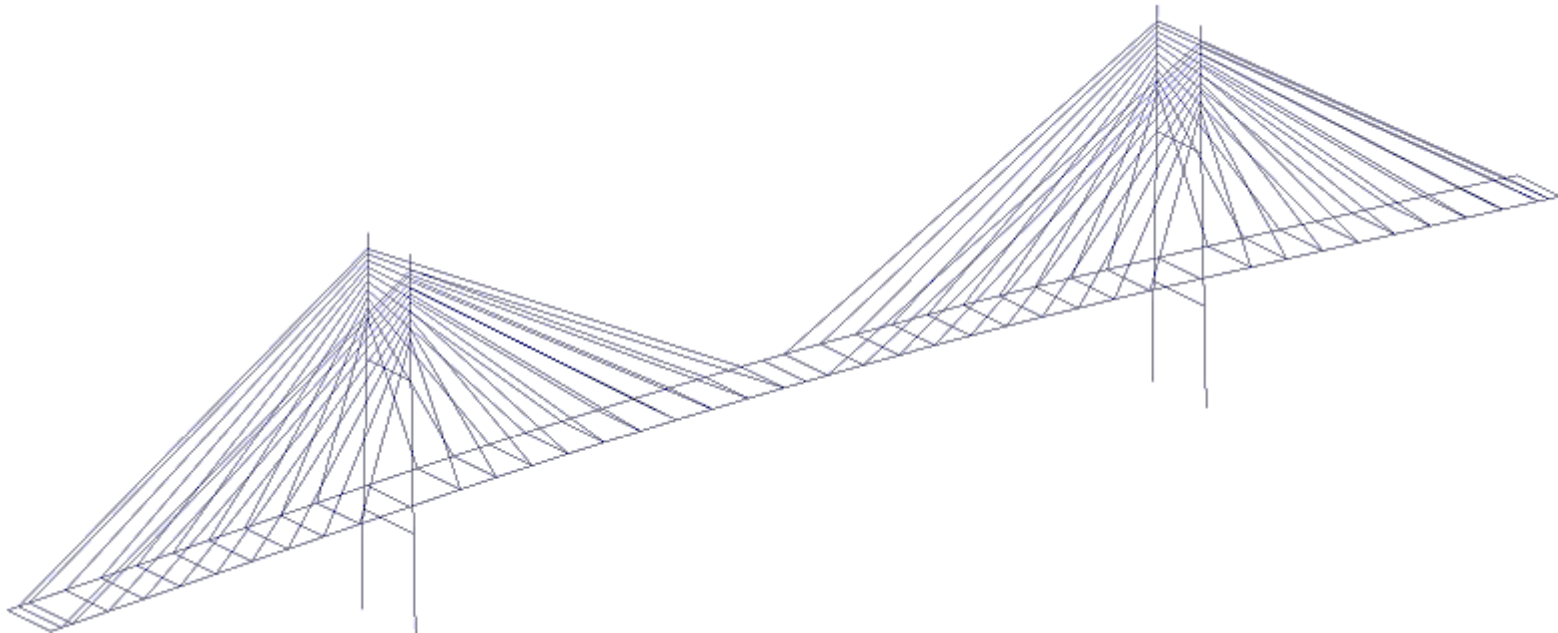


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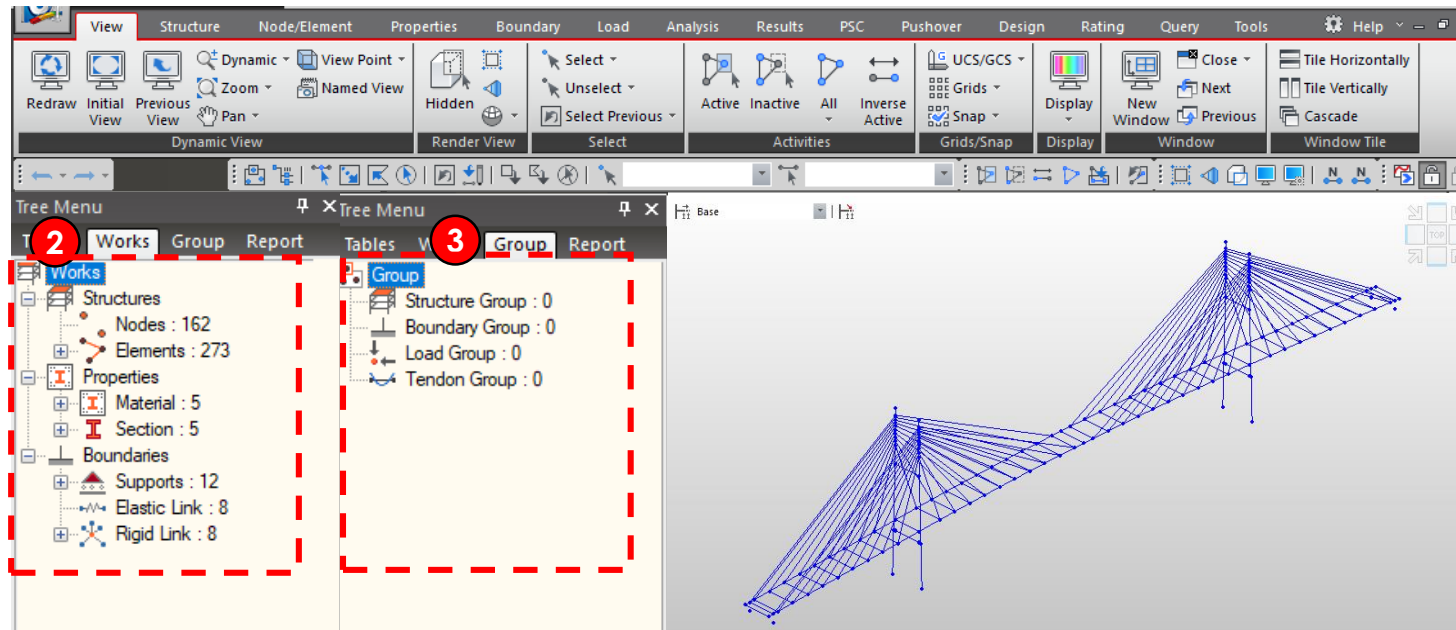
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Episode 7

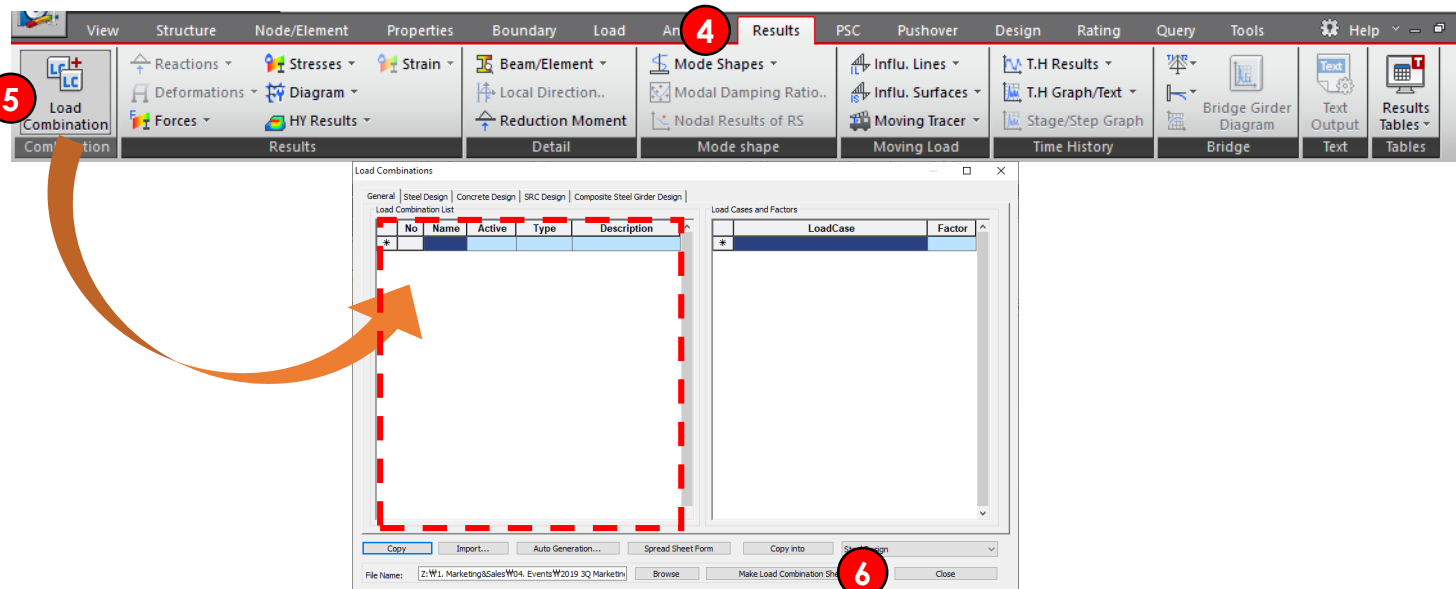
Text Input Exercise with Peter Wong So (Kiewit)



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1. Open "midas_Civil_Learning_S1_E 8"
2. Click **Works** tab from Tree Menu and review the content
3. Click **Group** tab from Tree Menu and review the content
4. Go to **Results** tab from Main menu
5. Click **Load Combination**
6. Check the combination is empty and click **Close**



 **Why are we doing these steps?**

Before each practice, it is always good to review what data currently models have and how inputs change the models.

Checking tree menu would give you a more in-depth understanding when you cross-check your peers' models.

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1. Open the excel file named "Peter's MCT input files" and go to .mct Group tab

2. Select cells from A3 to A84 by clicking the cell A3 and drag it until the cell A84, then copy the selected cells by pressing **Ctrl + C**

3. Go back to midas Civil and go to **Tools** tab from Main menu

4. Click **MCT Command Shell**

5. Paste copied cells into command shell and click **Run**

6. Click **Close**

7. Review **Structure Group** from the Group tab from in tree menu

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The screenshot displays the Midas Civil software interface. At the top, the menu bar includes View, Structure, Node/Element, Properties, Boundary, Load, Analysis, Results, PSC, Pushover, Design, Rating, Query, Tools, and Help. The toolbar below contains icons for Unit System, Preferences, MCT Command Shell, Sectional Property Calculator, Tendon Profile Generator, General Section Designer, and Data Generator. The spreadsheet window shows a table with columns A through H. The first column (A) contains static load case data, including case numbers, names, and descriptions. The MCT Command Shell window is open, showing the command prompt with the text '*STLDCASE ; Static Load Cases' and a list of load cases. The Works menu is also visible, showing a tree structure of the model's components, including Static Loads.

- Go back to the excel file and go to .mct LOADCASE
- Select cells from A3 to A84 by clicking and drag it until the cell A84, then copy the data by pressing **Ctrl + C**
- Go back to midas Civil and go to **Tools** menu
- Click **MCT Command Shell**
- Paste copied cells into command shell
- Click **Close**
- Review **Statics Loads** from the Works menu

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Copy cells (column A only) below into Midas MCT Command Prompt

```
*LOADCOMB ; Combinations
; NAME=NAME, KIND, ACTIVE, bES, ITYPE, DESC, ISERV-TYPE, nLCOMTYPE ; line 1
; ANAL1, LCNAME1, FACT1, ... ; from line 2
NAME=CaRuNN-Env, GEN, ACTIVE, 0, 1, , 0, 0
ST, CaRu1, 1, ST, CaRu2, 1, ST, CaRu3, 1, ST, CaRu4, 1
ST, CaRu5, 1, ST, CaRu6, 1, ST, CaRu7, 1, ST, CaRu8, 1
ST, CaRu9, 1, ST, CaRu10, 1, ST, CaRu11, 1, ST, CaRu12, 1
ST, CaRu13, 1, ST, CaRu14, 1, ST, CaRu15, 1, ST, CaRu16, 1
ST, CaRu17, 1, ST, CaRu18, 1, ST, CaRu19, 1, ST, CaRu20, 1
ST, CaRu21, 1, ST, CaRu22, 1, ST, CaRu23, 1, ST, CaRu24, 1
ST, CaRu25, 1, ST, CaRu26, 1, ST, CaRu27, 1, ST, CaRu28, 1
ST, CaRu29, 1, ST, CaRu30, 1, ST, CaRu31, 1, ST, CaRu32, 1
ST, CaRu33, 1, ST, CaRu34, 1, ST, CaRu35, 1, ST, CaRu36, 1
ST, CaRu37, 1, ST, CaRu38, 1, ST, CaRu39, 1, ST, CaRu40, 1
NAME=CaRuNS-Env, GEN, ACTIVE, 0, 1, , 0, 0
ST, CaRu111, 1, ST, CaRu112, 1, ST, CaRu113, 1, ST, CaRu114, 1
ST, CaRu115, 1, ST, CaRu116, 1, ST, CaRu117, 1, ST, CaRu118, 1
ST, CaRu119, 1, ST, CaRu120, 1, ST, CaRu121, 1, ST, CaRu122, 1
ST, CaRu123, 1, ST, CaRu124, 1, ST, CaRu125, 1, ST, CaRu126, 1
ST, CaRu127, 1, ST, CaRu128, 1, ST, CaRu129, 1, ST, CaRu130, 1
ST, CaRu131, 1, ST, CaRu132, 1, ST, CaRu133, 1, ST, CaRu134, 1
ST, CaRu135, 1, ST, CaRu136, 1, ST, CaRu137, 1, ST, CaRu138, 1
ST, CaRu139, 1, ST, CaRu140, 1, ST, CaRu141, 1, ST, CaRu142, 1
ST, CaRu143, 1, ST, CaRu144, 1, ST, CaRu145, 1, ST, CaRu146, 1
ST, CaRu147, 1, ST, CaRu148, 1, ST, CaRu149, 1, ST, CaRu150, 1
```

1. Go back to the excel file and go to **.mct LOADCOMB** tab

2. Select cells from A3 to A27 by clicking the cell **A3** and drag it until the cell **A27**, then copy the selected cells by pressing **Ctrl + C**

3. Go back to midas Civil and go to **Tools** tab from Main menu

4. Click **MCT Command Shell**

5. Paste copied cells into command shell and click **Run**

6. Click **Close**

7. Click **Load Combination** in Result tab from the main menu

8. Review **Load Combinations**