Reading in coordinates in Ansys Design Modeler

- To read in point coordinates in Ansys Design Modeler, you need to format the input file as follows:

```
# List of Point Coordinates
# Format is integer Group, integer ID, then X Y Z all
# delimited by spaces, with nothing after the Z value.
# Blank lines are ignored
# A data line with the same group and sequence number as a previous data line is an error

# Group 1
1    1    20.1234    25.4321    30.5678
1    2    25.2468    30.1357    35.1928
1    3    15.5555    16.6666    17.7777
...

# Group 2
2    1    50.0101    100.2021    7.1515
2    2    -22.3456    .8765      -.9876
2    3    21.1234    22.4321    23.5678
...
```

- Pay attention to the decimal separator in your operating system, point (.) or comma (,), as Ansys Design Modeler is sensitive to the decimal separator.
- Also, use a decent text editor, like notepad++ or sublime text. Do not use Microsoft notepad.
- You can also use Microsoft excel, but be sure to save the output file in CSV format.
- Finally, disregarding of the software used, save the output file in ASCII format

Reading in coordinates in Ansys Design Modeler

- To read in point coordinates in SpaceClaim you need to format the input file as follows:

```
3d=false
polyline=false
fit=false
1    1               0
1    0.99975328      0.00003492
1    0.99901336      0.00013959
...

1    0               0
1    0.00024672      -0.00277913
1    0.00098664      -0.00551947
```

Note that the point coordinates are (Z, X, Y)

A blank line means a second curve

Recommended options:

3d=false	Create 2D curve
polyline=false	Create spline curve
fit=false	Force the spline to pass by all points

- Pay attention to the decimal separator in your operating system, point (.) or comma (,), as SpaceClaim is sensitive to the decimal separator.
- Also, use a decent text editor, like notepad++ or sublime text. Do not use Microsoft notepad.
- You can also use Microsoft excel, but be sure to save the output file in CSV format.
- Finally, disregarding of the software used, save the output file in ASCII format