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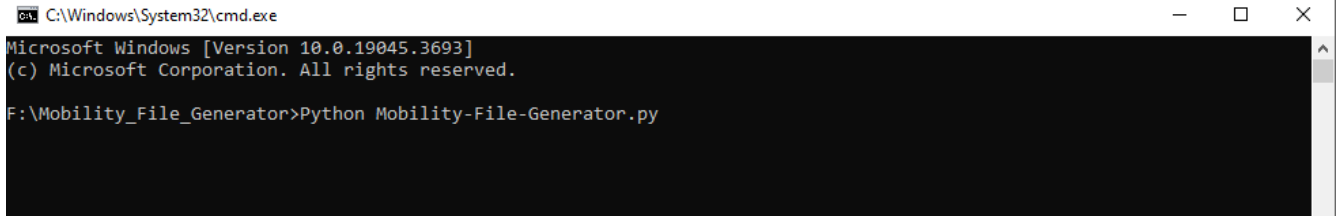


Figure 2: Generating Mobility file using command prompt.

4. After executing the command mobility.csv file will be created in the same folder that contains the Mobility-File-Generator.py python script.
5. A sample uniform straight line mobility file generated using this script is shown below.

#Time(s)	Device ID	X	Y	Z
0	1	200	400	0
0.6	1	200	408	0
1.2	1	200	416	0
1.8	1	200	424	0
2.4	1	200	432	0
3	1	200	440	0
3.6	1	200	448	0
4.2	1	200	456	0
4.8	1	200	464	0
5.4	1	200	472	0
6	1	200	480	0
6.6	1	200	488	0
7.2	1	200	496	0
7.8	1	200	504	0
8.4	1	200	512	0
9	1	200	520	0
9.6	1	200	528	0

Figure 3: Mobility file generated using the script.

Case 2: Mobility file for uniform circular motion

1. Users need to set mobility_type = "Circular" and other steps are similar as shown below.

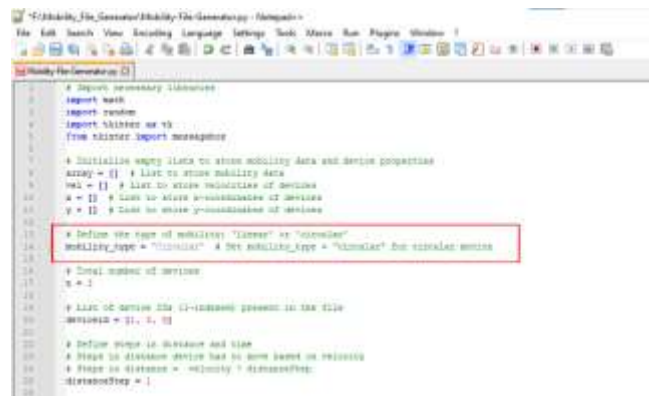


Figure 4: Modify the Mobility Type to Circular.

2. A sample uniform circular mobility file generated using this script is shown below.

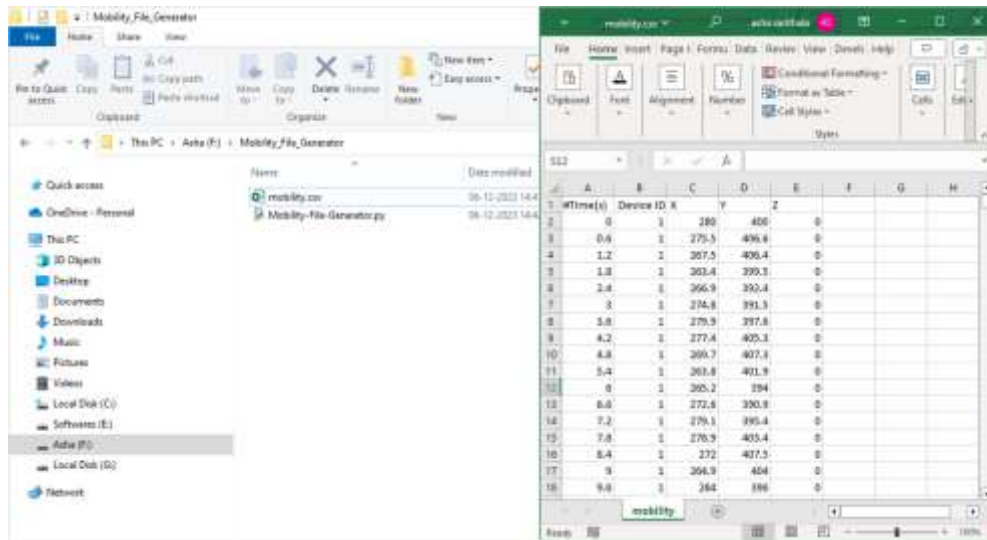


Figure 5: Circular mobility file generated using the script.

The script can be modified to generate mobility patterns in addition to those that are supported currently this script supports Linear and Circular mobility types.