In [6]:

```python
# (C) NICOLA LOMBARDI HARDWARE AND SOFTWARE ENGINEER

import pandas as pd

# Simulation
df1 = pd.DataFrame({
    "timestamp": [1733062840000, 1733062840100],
    "tag_id": ["4baf351178aa9b0e", "4baf351178aa9b0e"],
    "angle": [-30.0, -28.0],
    "tag_height": [1.2, 1.2]
})

df2 = pd.DataFrame({
    "timestamp": [1733062840000, 1733062840100],
    "tag_id": ["4baf351178aa9b0e", "4baf351178aa9b0e"],
    "angle": [-30.0, -28.0],
    "tag_height": [1.2, -1.2]
})

#  DF -> CSV
df1.to_csv("output.csv", index=False, header=False)
df2.to_csv("expected_output.csv", index=False, header=False)

# CSV -> DF
df_out = pd.read_csv("output.csv", header=None)
df_exp = pd.read_csv("expected_output.csv", header=None)

# Check
if df_out.equals(df_exp):
    print("equals")
else:
    print("different")
```

```
different
```

In [7]:

```python
import pandas as pd


df1 = pd.DataFrame({
    "timestamp": [1733062840000, 1733062840100],
    "tag_id": ["4baf351178aa9b0e", "4baf351178aa9b0e"],
    "angle": [-30.0, -28.0],
    "tag_height": [1.2, 1.2]
})

df2 = pd.DataFrame({
    "timestamp": [1733062840000, 1733062840100],
    "tag_id": ["4baf351178aa9b0e", "4baf351178aa9b0e"],
    "angle": [-30.0, -28.0],
    "tag_height": [1.2, 1.2]
})


df1.to_csv("output.csv", index=False, header=False)
df2.to_csv("expected_output.csv", index=False, header=False)


df_out = pd.read_csv("output.csv", header=None)
df_exp = pd.read_csv("expected_output.csv", header=None)


if df_out.equals(df_exp):
    print("equals")
else:
    print("different")
```

```
equals
```

In [ ]: