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import numpy as np

df = pd.DataFrame(np.arange(16).reshape(4,4),
                  columns=['Player', 'Enemy', 'Tree', 'House'],
                  index=['x_position', 'y_position', 'Scale', 'Rotation_degree'])

print(df)

print(df.loc['x_position'])

print(df.loc['x_position', 'Player'])

print(df.loc[:, 'Player'])

print(df.loc[:, ['Player', 'Enemy']])

print(df.loc[['x_position', 'y_position'], ['Player', 'Enemy']])

print(df.iloc[0])

print(df.iloc[0,0])

print(df.iloc[:,0])

print(df.iloc[:, [0,1]])

print(df.iloc[[0,1], [0,1]])

print(df['Enemy']>9)

print(df.loc[df['Enemy']>7])

print(df.loc[df['Enemy']>7, 'Enemy'])
```

```
print(df.loc[df['Enemy']>7,['Enemy','Tree']])
```