Contents

```
class employee:
    def __init__(self, x, y):
        self.x = x
        self.y = y
        self.z = self.x+self.y
```

```
myrthe = employee(1,2)
jan = employee(5,6)
```

```
print(myrthe.y)
print(jan.z)
```

```
3
11
```

```
myrthe.hair
```

```
'brown'
```

```
miek_hair = 'red'
```

```
import pandas as pd
import numpy as np

df = pd.DataFrame(np.random.random((5, 5)))

df
```

```
          0         1         2         3         4
0  0.354813  0.837191  0.403546  0.085888  0.782431
1  0.389026  0.573013  0.048319  0.681065  0.147479
2  0.419524  0.690255  0.062686  0.052759  0.252656
3  0.284843  0.524268  0.201925  0.828355  0.932566
4  0.830313  0.638663  0.260559  0.662381  0.270753

\begin{tabular}{lrrrrr}
\toprule
{} &         0 &         1 &         2 &         3 &         4 \\
```

```
\midrule
0 &  0.354813 &  0.837191 &  0.403546 &  0.085888 &  0.782431 \\
1 &  0.389026 &  0.573013 &  0.048319 &  0.681065 &  0.147479 \\
2 &  0.419524 &  0.690255 &  0.062686 &  0.052759 &  0.252656 \\
3 &  0.284843 &  0.524268 &  0.201925 &  0.828355 &  0.932566 \\
4 &  0.830313 &  0.638663 &  0.260559 &  0.662381 &  0.270753 \\
\bottomrule
\end{tabular}
```

	0	1	2	3	4
pw0	0.354813	0.837191	0.403546	0.085888	0.782431
1	0.389026	0.573013	0.048319	0.681065	0.147479
2	0.419524	0.690255	0.062686	0.052759	0.252656
3	0.284843	0.524268	0.201925	0.828355	0.932566
4	0.830313	0.638663	0.260559	0.662381	0.270753

toprule	0	1	2	3	4
:0	0.354813	0.837191	0.403546	0.085888	0.782431
: 1	0.389026	0.573013	0.048319	0.681065	0.147479
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: 3	0.284843	0.524268	0.201925	0.828355	0.932566
: 4	0.830313	0.638663	0.260559	0.662381	0.270753
: :					

```
pq = pd.DataFrame(np.random.random((5, 5)))
```

```
print(pq.to_latex())
```

```
\begin{tabular}{lrrrrr}
\toprule
{} &          0 &          1 &          2 &          3 &          4 \\
\midrule
0 &  0.404934 &  0.481067 &  0.257389 &  0.352876 &  0.966894 \\
1 &  0.321359 &  0.614149 &  0.563271 &  0.232894 &  0.739181 \\
2 &  0.078475 &  0.362242 &  0.940386 &  0.397011 &  0.237748 \\
3 &  0.119574 &  0.380566 &  0.490025 &  0.558063 &  0.694235 \\
4 &  0.141048 &  0.054591 &  0.204718 &  0.115091 &  0.938184 \\
\bottomrule
\end{tabular}
```

	0	1	2	3	4
0	0.404934	0.481067	0.257389	0.352876	0.966894
1	0.321359	0.614149	0.563271	0.232894	0.739181
2	0.078475	0.362242	0.940386	0.397011	0.237748
3	0.119574	0.380566	0.490025	0.558063	0.694235
4	0.141048	0.054591	0.204718	0.115091	0.938184