In [1]:

```
1  import pandas as pd
```

In [2]:

```
1  df = pd.read_clipboard()
```

In [5]:

```
1  df
```

Out[5]:

	ID	NAMES
ROW1	1	A
ROW2	2	B
ROW3	3	C
ROW4	4	D
ROW5	5	E
ROW6	6	F
ROW7	7	G
ROW8	8	H
ROW9	9	I

In [8]:

```
1  df.head()
```

Out[8]:

	ID	NAMES
ROW1	1	A
ROW2	2	B
ROW3	3	C
ROW4	4	D
ROW5	5	E

In [9]:

```
1  df.iloc[5,1]
```

Out[9]:

'F'

In [16]:

```
1  df.iloc[4:6,0:] = 4,'E'
```

In [17]:

```
1  df
```

Out[17]:

	ID	NAMES
ROW1	1	A
ROW2	2	B
ROW3	3	C
ROW4	4	D
ROW5	4	E
ROW6	4	E
ROW7	7	G
ROW8	8	H
ROW9	9	I

In [20]:

```
1  df['NEW_COL'] = 60
```

In [21]:

```
1  df
```

Out[21]:

	ID	NAMES	NEW_COL
ROW1	1	A	60
ROW2	2	B	60
ROW3	3	C	60
ROW4	4	D	60
ROW5	4	E	60
ROW6	4	E	60
ROW7	7	G	60
ROW8	8	H	60
ROW9	9	I	60

In [22]:

```python
df['NEW_COL'] = "ABC"
```

In [23]:

```python
df
```

Out[23]:

	ID	NAMES	NEW_COL
ROW1	1	A	ABC
ROW2	2	B	ABC
ROW3	3	C	ABC
ROW4	4	D	ABC
ROW5	4	E	ABC
ROW6	4	E	ABC
ROW7	7	G	ABC
ROW8	8	H	ABC
ROW9	9	I	ABC

In [24]:

```python
dic = {}
```

In [25]:

```python
dic["ID"] = 10
```

In [38]:

```python
dic["NAMES"] = "J"
```

In [39]:

```python
dic['NEW_COL'] = "ABC"
```

In [41]:

```python
dic.pop('Names')
```

Out[41]:

'J'

In [44]:

```
1  new_df = pd.DataFrame([dic],index = ["ROW10"])
```

In [45]:

```
1  dic
```

Out[45]:

```
{'ID': 10, 'NEW_COL': 'ABC', 'NAMES': 'J'}
```

In [46]:

```
1  new_df
```

Out[46]:

	ID	NEW_COL	NAMES
ROW10	10	ABC	J

In [47]:

```
1  sample_df = pd.concat([df,new_df])
```

In [50]:

```
1  sample_df
```

Out[50]:

	ID	NAMES	NEW_COL
ROW1	1	A	ABC
ROW2	2	B	ABC
ROW3	3	C	ABC
ROW4	4	D	ABC
ROW5	4	E	ABC
ROW6	4	E	ABC
ROW7	7	G	ABC
ROW8	8	H	ABC
ROW9	9	I	ABC
ROW10	10	J	ABC

In [52]:

```
1  sample_df.to_clipboard(index = False)
```

In [ ]:

```
ID    NAMES    NEW_COL
1     A    ABC
2     B    ABC
3     C    ABC
4     D    ABC
4     E    ABC
4     E    ABC
7     G    ABC
8     H    ABC
9     I    ABC
10    J    ABC
```

In [ ]:

```

```