

1.

a) print(df)

	a	b	c
one	0	7	3
two	6	2	8
three	5	9	4

g) list(df.columns)

['a', 'b', 'c']

h) list(df.index)

['One', 'Two', 'Three']

b) df['a']

one 0

Two 6

Three 5

Name: a, dtype: int64

i) df['b']['two']

2

j) list(df.iloc[2, :])

[5, 9, 4]

c) df['One']

KeyError: 'One'

k) df.drop('a', axis=1)

b c

One 7 3

Two 2 8

Three 9 4

d) df.loc['Two']

a 6

b 2

c 8

Name: Two, dtype: int64

l) df[df.a != 5]

a b c

One 0 7 3

Two 6 2 8

~~Three~~

e) df[:, 2]

a b c

One 0 7 3

Two 6 2 8

m) list(df.sum(axis=0))

[11, 18, 15]

f) df.iloc[:, :2]

a b

One 0 7

Two 6 2

Three 5 9

n) df.iloc[:, list(df.sum(axis=0) < 17)]

a c

One 0 3

Two 6 8

Three 5 4

o)

	a	b	c
One	0	7	3
Three	5	9	4
Two	6	2	8

p)

	b	a	c
One	7	0	3
Two	2	6	8
Three	9	5	4

2)

	One	Two	Three
a	0	6	5
b	7	2	9
c	3	8	4

r)

a	True
b	True
c	False

dtype: bool

s)

	a	b	c
One	-1	13	5
Two	11	3	15
Three	9	17	7

t)

One	7
Two	8
Three	9

dtype: int64