

TDDE31 Lab2

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1)

Highest:

```
Row(year=u'1975', station=u'86200', value=36.1)
Row(year=u'1992', station=u'63600', value=35.4)
Row(year=u'1994', station=u'117160', value=34.7)
Row(year=u'2014', station=u'96560', value=34.4)
Row(year=u'2010', station=u'75250', value=34.4)
Row(year=u'1989', station=u'63050', value=33.9)
```

...

Lowest:

```
Row(year=u'1990', station=u'166870', value=-35.0)
Row(year=u'1990', station=u'147270', value=-35.0)
Row(year=u'1952', station=u'192830', value=-35.5)
Row(year=u'1974', station=u'179950', value=-35.6)
Row(year=u'1974', station=u'166870', value=-35.6)
Row(year=u'1954', station=u'113410', value=-36.0)
```

...

2)

a)

```
Row(year=u'2014', month=u'07', value=147910)
Row(year=u'2011', month=u'07', value=147060)
Row(year=u'2010', month=u'07', value=143860)
Row(year=u'2012', month=u'07', value=138166)
```

...

```
Row(year=u'1964', month=u'02', value=1)
Row(year=u'1958', month=u'01', value=1)
Row(year=u'1970', month=u'03', value=1)
Row(year=u'1971', month=u'02', value=1)
```

b)

Row(year=u'1972', month=u'10', count=378)

Row(year=u'1973', month=u'05', count=377)

Row(year=u'1973', month=u'06', count=377)

Row(year=u'1973', month=u'09', count=376)

Row(year=u'1972', month=u'08', count=376)

Row(year=u'1972', month=u'05', count=376)

...

Row(year=u'1993', month=u'11', count=1)

Row(year=u'1952', month=u'11', count=1)

Row(year=u'2005', month=u'12', count=1)

Row(year=u'1999', month=u'12', count=1)

The results for assignment 2 are the same when using regular sql queries.

3)

Row(year=u'2006', month=u'07', station=u'83270', avg=31.143548387096775)

Row(year=u'1969', month=u'08', station=u'62080', avg=31.137096774193555)

Row(year=u'1996', month=u'08', station=u'78140', avg=31.133870967741938)

Row(year=u'2001', month=u'07', station=u'62400', avg=31.132258064516133)

...

Row(year=u'1990', month=u'03', station=u'63450', avg=7.922580645161292)

Row(year=u'1975', month=u'10', station=u'126300', avg=7.922580645161289)

Row(year=u'1999', month=u'04', station=u'127230', avg=7.921666666666668)

...

4)

This result is empty.

5)

```
Row(year=u'2015', month=u'07', value=28.0235294117647)
Row(year=u'2006', month=u'08', value=26.132352941176464)
Row(year=u'2008', month=u'08', value=24.444117647058803)
Row(year=u'2000', month=u'07', value=23.976470588235284)
Row(year=u'2015', month=u'09', value=23.835294117647056)
...
```

6)

```
Row(month=u'05', year=u'1953', diff=0.3323871489246102)
Row(month=u'04', year=u'1953', diff=2.8280173813641554)
Row(month=u'03', year=u'1952', diff=-4.362502918517487)
Row(month=u'02', year=u'1952', diff=2.6063966489308124)
Row(month=u'01', year=u'1952', diff=1.9753551989113909)
```

