```
In [1]: import csv
```

CSV

Reading

```
In [2]: with open('10 02 us.csv', 'r') as f:
             reader = csv.reader(f, delimiter='\t')
             for row in reader:
                 print(row)
        ['country', 'postal code', 'place name', 'state', 'state code', 'county',
'county code', 'latitude', 'longitude', 'accuracy']
         ['US', '99553', 'Akutan', 'Alaska', 'AK', 'Aleutians East', '013', '54.14
        3', '-165.7854', '1']
        ['US', '99571', 'Cold Bay', 'Alaska', 'AK', 'Aleutians East', '013', '55.18
        58', '-162.7211', '1']
         ['US', '99583', 'False Pass', 'Alaska', 'AK', 'Aleutians East', '013', '54.
        8542', '-163.4113', '1']
         ['US', '99612', 'King Cove', 'Alaska', 'AK', 'Aleutians East', '013', '55.0
        628', '-162.3056', '1']
        ['US', '99661', 'Sand Point', 'Alaska', 'AK', 'Aleutians East', '013', '55.
        3192', '-160.4914', '1']
         ['US', '99546', 'Adak', 'Alaska', 'AK', 'Aleutians West (CA)', '016', '51.8
        74', '-176.634', '1']
        ['US', '99547', 'Atka', 'Alaska', 'AK', 'Aleutians West (CA)', '016', '52.1
              '-174.2006', '1']
        ['US', '99591', 'Saint George Island', 'Alaska', 'AK', 'Aleutians West (C
        A)', '016', '56.5944', '-169.6186', '1']
```

['US', '99638', 'Nikolski', 'Alaska', 'AK', 'Aleutians West (CA)', '016',

```
In [3]: with open('10 02 us.csv', 'r') as f:
            reader = csv.reader(f, delimiter='\t')
            next(reader)
            next(reader)
            for row in reader:
                print(row)
        ['US', '99571', 'Cold Bay', 'Alaska', 'AK', 'Aleutians East', '013', '55.18
        58', '-162.7211', '1']
        ['US', '99583', 'False Pass', 'Alaska', 'AK', 'Aleutians East', '013', '54.
              , '-163.4113', '1']
        ['US', '99612', 'King Cove', 'Alaska', 'AK', 'Aleutians East', '013', '55.0
        628', '-162.3056', '1']
        ['US', '99661', 'Sand Point', 'Alaska', 'AK', 'Aleutians East', '013', '55.
        3192', '-160.4914', '1']
        ['US', '99546', 'Adak', 'Alaska', 'AK', 'Aleutians West (CA)', '016', '51.8
        74', '-176.634', '1']
        ['US', '99547', 'Atka', 'Alaska', 'AK', 'Aleutians West (CA)', '016', '52.1
              '-174.2006', '1']
        ['US', '99591', 'Saint George Island', 'Alaska', 'AK', 'Aleutians West (C
        A)', '016', '56.5944', '-169.6186', '1']
        ['US', '99638', 'Nikolski', 'Alaska', 'AK', 'Aleutians West (CA)', '016',
        '52.9381', '-168.8678', '1']
        ['US', '99660', 'Saint Paul Island', 'Alaska', 'AK', 'Aleutians West (CA)',
        <sup>'</sup>016', '57.1842', '-170.2764', '1']
        ['US', '99685', 'Unalaska', 'Alaska', 'AK', 'Aleutians West (CA)', '016',
          E3 0074 I
In [4]: with open('10 02 us.csv', 'r') as f:
            reader = list(csv.reader(f, delimiter='\t'))
            for row in reader[1:]:
                print(row)
        ['US', '99553', 'Akutan', 'Alaska', 'AK', 'Aleutians East', '013', '54.14
        3', '-165.7854', '1']
        ['US', '99571', 'Cold Bay', 'Alaska', 'AK', 'Aleutians East', '013', '55.18
        58', '-162.7211', '1']
        ['US', '99583', 'False Pass', 'Alaska', 'AK', 'Aleutians East', '013', '54.
        8542', '-163.4113', '1']
        ['US', '99612', 'King Cove', 'Alaska', 'AK', 'Aleutians East', '013', '55.0
        628', '-162.3056', '1']
        ['US', '99661', 'Sand Point', 'Alaska', 'AK', 'Aleutians East', '013', '55.
        3192', '-160.4914', '1']
              '99546', 'Adak', 'Alaska', 'AK', 'Aleutians West (CA)', '016', '51.8
        74', '-176.634', '1']
              , '99547', 'Atka', 'Alaska', 'AK', 'Aleutians West (CA)', '016', '52.1
              '-174.2006', '1']
        ['US', '99591', 'Saint George Island', 'Alaska', 'AK', 'Aleutians West (C
        A)', '016', '56.5944', '-169.6186', '1']
        ['US', '99638', 'Nikolski', 'Alaska', 'AK', 'Aleutians West (CA)', '016',
        '52.9381', '-168.8678', '1']
        ['US', '99660', 'Saint Paul Island', 'Alaska', 'AK', 'Aleutians West (CA)', 🔻
                          1 470 07641
```

```
In [5]: |with open('10_02_us.csv', 'r') as f:
             reader = csv.DictReader(f, delimiter='\t')
             for row in reader:
                 print(row)
        {'country': 'US', 'postal code': '99553', 'place name': 'Akutan', 'state':
         'Alaska', 'state code': 'AK', 'county': 'Aleutians East', 'county code': '0
        13', 'latitude': '54.143', 'longitude': '-165.7854', 'accuracy': '1'} {'country': 'US', 'postal code': '99571', 'place name': 'Cold Bay', 'stat
         e': 'Alaska', 'state code': 'AK', 'county': 'Aleutians East', 'county cod
        e': '013', 'latitude': '55.1858', 'longitude': '-162.7211', 'accuracy':
         '1'}
         {'country': 'US', 'postal code': '99583', 'place name': 'False Pass', 'stat
         e': 'Alaska', 'state code': 'AK', 'county': 'Aleutians East', 'county cod
         e': '013', 'latitude': '54.8542', 'longitude': '-163.4113', 'accuracy':
         '1'}
         {'country': 'US', 'postal code': '99612', 'place name': 'King Cove', 'stat
         e': 'Alaska', 'state code': 'AK', 'county': 'Aleutians East', 'county cod
         e': '013', 'latitude': '55.0628', 'longitude': '-162.3056', 'accuracy':
         '1'}
         {'country': 'US', 'postal code': '99661', 'place name': 'Sand Point', 'stat
         e': 'Alaska', 'state code': 'AK', 'county': 'Aleutians East', 'county cod
         e': '013', 'latitude': '55.3192', 'longitude': '-160.4914', 'accuracy':
         '1'}
```

Filtering data

Writing