

```
In [4]: # Load csv module
import csv

# open file for reading
with open('C:/NKNPYTHCODES-03SEP2021/Iris.csv') as csvDataFile:

    # read file as csv file
    csvReader = csv.reader(csvDataFile)

    # for every row, print the row
    for row in csvReader:
        print(row)
```

```
['Id', 'SepalLengthCm', 'SepalWidthCm', 'PetalLengthCm', 'PetalWidthCm', 'Species']
['1', '5.1', '3.5', '1.4', '0.2', 'Iris-setosa']
['2', '4.9', '3.0', '1.4', '0.2', 'Iris-setosa']
['3', '4.7', '3.2', '1.3', '0.2', 'Iris-setosa']
['4', '4.6', '3.1', '1.5', '0.2', 'Iris-setosa']
['5', '5.0', '3.6', '1.4', '0.2', 'Iris-setosa']
['6', '5.4', '3.9', '1.7', '0.4', 'Iris-setosa']
['7', '4.6', '3.4', '1.4', '0.3', 'Iris-setosa']
['8', '5.0', '3.4', '1.5', '0.2', 'Iris-setosa']
['9', '4.4', '2.9', '1.4', '0.2', 'Iris-setosa']
['10', '4.9', '3.1', '1.5', '0.1', 'Iris-setosa']
['11', '5.4', '3.7', '1.5', '0.2', 'Iris-setosa']
['12', '4.8', '3.4', '1.6', '0.2', 'Iris-setosa']
['13', '4.8', '3.0', '1.4', '0.1', 'Iris-setosa']
['14', '4.3', '3.0', '1.1', '0.1', 'Iris-setosa']
['15', '5.8', '4.0', '1.2', '0.2', 'Iris-setosa']
['16', '5.7', '4.4', '1.5', '0.4', 'Iris-setosa']
['17', '5.4', '3.9', '1.3', '0.4', 'Iris-setosa']
['18', '5.1', '3.5', '1.4', '0.3', 'Iris-setosa']
['19', '5.7', '3.8', '1.7', '0.3', 'Iris-setosa']
['20', '5.1', '3.8', '1.5', '0.3', 'Iris-setosa']
['21', '5.4', '3.4', '1.7', '0.2', 'Iris-setosa']
['22', '5.1', '3.7', '1.5', '0.4', 'Iris-setosa']
['23', '4.6', '3.6', '1.0', '0.2', 'Iris-setosa']
['24', '5.1', '3.3', '1.7', '0.5', 'Iris-setosa']
['25', '4.8', '3.4', '1.9', '0.2', 'Iris-setosa']
['26', '5.0', '3.0', '1.6', '0.2', 'Iris-setosa']
['27', '5.0', '3.4', '1.6', '0.4', 'Iris-setosa']
['28', '5.2', '3.5', '1.5', '0.2', 'Iris-setosa']
['29', '5.2', '3.4', '1.4', '0.2', 'Iris-setosa']
['30', '4.7', '3.2', '1.6', '0.2', 'Iris-setosa']
['31', '4.8', '3.1', '1.6', '0.2', 'Iris-setosa']
['32', '5.4', '3.4', '1.5', '0.4', 'Iris-setosa']
['33', '5.2', '4.1', '1.5', '0.1', 'Iris-setosa']
['34', '5.5', '4.2', '1.4', '0.2', 'Iris-setosa']
['35', '4.9', '3.1', '1.5', '0.1', 'Iris-setosa']
['36', '5.0', '3.2', '1.2', '0.2', 'Iris-setosa']
['37', '5.5', '3.5', '1.3', '0.2', 'Iris-setosa']
['38', '4.9', '3.1', '1.5', '0.1', 'Iris-setosa']
['39', '4.4', '3.0', '1.3', '0.2', 'Iris-setosa']
['40', '5.1', '3.4', '1.5', '0.2', 'Iris-setosa']
['41', '5.0', '3.5', '1.3', '0.3', 'Iris-setosa']
['42', '4.5', '2.3', '1.3', '0.3', 'Iris-setosa']
['43', '4.4', '3.2', '1.3', '0.2', 'Iris-setosa']
['44', '5.0', '3.5', '1.6', '0.6', 'Iris-setosa']
['45', '5.1', '3.8', '1.9', '0.4', 'Iris-setosa']
['46', '4.8', '3.0', '1.4', '0.3', 'Iris-setosa']
['47', '5.1', '3.8', '1.6', '0.2', 'Iris-setosa']
['48', '4.6', '3.2', '1.4', '0.2', 'Iris-setosa']
['49', '5.3', '3.7', '1.5', '0.2', 'Iris-setosa']
['50', '5.0', '3.3', '1.4', '0.2', 'Iris-setosa']
['51', '7.0', '3.2', '4.7', '1.4', 'Iris-versicolor']
['52', '6.4', '3.2', '4.5', '1.5', 'Iris-versicolor']
```

```
['53', '6.9', '3.1', '4.9', '1.5', 'Iris-versicolor']
['54', '5.5', '2.3', '4.0', '1.3', 'Iris-versicolor']
['55', '6.5', '2.8', '4.6', '1.5', 'Iris-versicolor']
['56', '5.7', '2.8', '4.5', '1.3', 'Iris-versicolor']
['57', '6.3', '3.3', '4.7', '1.6', 'Iris-versicolor']
['58', '4.9', '2.4', '3.3', '1.0', 'Iris-versicolor']
['59', '6.6', '2.9', '4.6', '1.3', 'Iris-versicolor']
['60', '5.2', '2.7', '3.9', '1.4', 'Iris-versicolor']
['61', '5.0', '2.0', '3.5', '1.0', 'Iris-versicolor']
['62', '5.9', '3.0', '4.2', '1.5', 'Iris-versicolor']
['63', '6.0', '2.2', '4.0', '1.0', 'Iris-versicolor']
['64', '6.1', '2.9', '4.7', '1.4', 'Iris-versicolor']
['65', '5.6', '2.9', '3.6', '1.3', 'Iris-versicolor']
['66', '6.7', '3.1', '4.4', '1.4', 'Iris-versicolor']
['67', '5.6', '3.0', '4.5', '1.5', 'Iris-versicolor']
['68', '5.8', '2.7', '4.1', '1.0', 'Iris-versicolor']
['69', '6.2', '2.2', '4.5', '1.5', 'Iris-versicolor']
['70', '5.6', '2.5', '3.9', '1.1', 'Iris-versicolor']
['71', '5.9', '3.2', '4.8', '1.8', 'Iris-versicolor']
['72', '6.1', '2.8', '4.0', '1.3', 'Iris-versicolor']
['73', '6.3', '2.5', '4.9', '1.5', 'Iris-versicolor']
['74', '6.1', '2.8', '4.7', '1.2', 'Iris-versicolor']
['75', '6.4', '2.9', '4.3', '1.3', 'Iris-versicolor']
['76', '6.6', '3.0', '4.4', '1.4', 'Iris-versicolor']
['77', '6.8', '2.8', '4.8', '1.4', 'Iris-versicolor']
['78', '6.7', '3.0', '5.0', '1.7', 'Iris-versicolor']
['79', '6.0', '2.9', '4.5', '1.5', 'Iris-versicolor']
['80', '5.7', '2.6', '3.5', '1.0', 'Iris-versicolor']
['81', '5.5', '2.4', '3.8', '1.1', 'Iris-versicolor']
['82', '5.5', '2.4', '3.7', '1.0', 'Iris-versicolor']
['83', '5.8', '2.7', '3.9', '1.2', 'Iris-versicolor']
['84', '6.0', '2.7', '5.1', '1.6', 'Iris-versicolor']
['85', '5.4', '3.0', '4.5', '1.5', 'Iris-versicolor']
['86', '6.0', '3.4', '4.5', '1.6', 'Iris-versicolor']
['87', '6.7', '3.1', '4.7', '1.5', 'Iris-versicolor']
['88', '6.3', '2.3', '4.4', '1.3', 'Iris-versicolor']
['89', '5.6', '3.0', '4.1', '1.3', 'Iris-versicolor']
['90', '5.5', '2.5', '4.0', '1.3', 'Iris-versicolor']
['91', '5.5', '2.6', '4.4', '1.2', 'Iris-versicolor']
['92', '6.1', '3.0', '4.6', '1.4', 'Iris-versicolor']
['93', '5.8', '2.6', '4.0', '1.2', 'Iris-versicolor']
['94', '5.0', '2.3', '3.3', '1.0', 'Iris-versicolor']
['95', '5.6', '2.7', '4.2', '1.3', 'Iris-versicolor']
['96', '5.7', '3.0', '4.2', '1.2', 'Iris-versicolor']
['97', '5.7', '2.9', '4.2', '1.3', 'Iris-versicolor']
['98', '6.2', '2.9', '4.3', '1.3', 'Iris-versicolor']
['99', '5.1', '2.5', '3.0', '1.1', 'Iris-versicolor']
['100', '5.7', '2.8', '4.1', '1.3', 'Iris-versicolor']
['101', '6.3', '3.3', '6.0', '2.5', 'Iris-virginica']
['102', '5.8', '2.7', '5.1', '1.9', 'Iris-virginica']
['103', '7.1', '3.0', '5.9', '2.1', 'Iris-virginica']
['104', '6.3', '2.9', '5.6', '1.8', 'Iris-virginica']
['105', '6.5', '3.0', '5.8', '2.2', 'Iris-virginica']
['106', '7.6', '3.0', '6.6', '2.1', 'Iris-virginica']
['107', '4.9', '2.5', '4.5', '1.7', 'Iris-virginica']
['108', '7.3', '2.9', '6.3', '1.8', 'Iris-virginica']
['109', '6.7', '2.5', '5.8', '1.8', 'Iris-virginica']
['110', '7.2', '3.6', '6.1', '2.5', 'Iris-virginica']
['111', '6.5', '3.2', '5.1', '2.0', 'Iris-virginica']
['112', '6.4', '2.7', '5.3', '1.9', 'Iris-virginica']
['113', '6.8', '3.0', '5.5', '2.1', 'Iris-virginica']
['114', '5.7', '2.5', '5.0', '2.0', 'Iris-virginica']
['115', '5.8', '2.8', '5.1', '2.4', 'Iris-virginica']
['116', '6.4', '3.2', '5.3', '2.3', 'Iris-virginica']
['117', '6.5', '3.0', '5.5', '1.8', 'Iris-virginica']
['118', '7.7', '3.8', '6.7', '2.2', 'Iris-virginica']
['119', '7.7', '2.6', '6.9', '2.3', 'Iris-virginica']
['120', '6.0', '2.2', '5.0', '1.5', 'Iris-virginica']
['121', '6.9', '3.2', '5.7', '2.3', 'Iris-virginica']
```

```
['122', '5.6', '2.8', '4.9', '2.0', 'Iris-virginica']
['123', '7.7', '2.8', '6.7', '2.0', 'Iris-virginica']
['124', '6.3', '2.7', '4.9', '1.8', 'Iris-virginica']
['125', '6.7', '3.3', '5.7', '2.1', 'Iris-virginica']
['126', '7.2', '3.2', '6.0', '1.8', 'Iris-virginica']
['127', '6.2', '2.8', '4.8', '1.8', 'Iris-virginica']
['128', '6.1', '3.0', '4.9', '1.8', 'Iris-virginica']
['129', '6.4', '2.8', '5.6', '2.1', 'Iris-virginica']
['130', '7.2', '3.0', '5.8', '1.6', 'Iris-virginica']
['131', '7.4', '2.8', '6.1', '1.9', 'Iris-virginica']
['132', '7.9', '3.8', '6.4', '2.0', 'Iris-virginica']
['133', '6.4', '2.8', '5.6', '2.2', 'Iris-virginica']
['134', '6.3', '2.8', '5.1', '1.5', 'Iris-virginica']
['135', '6.1', '2.6', '5.6', '1.4', 'Iris-virginica']
['136', '7.7', '3.0', '6.1', '2.3', 'Iris-virginica']
['137', '6.3', '3.4', '5.6', '2.4', 'Iris-virginica']
['138', '6.4', '3.1', '5.5', '1.8', 'Iris-virginica']
['139', '6.0', '3.0', '4.8', '1.8', 'Iris-virginica']
['140', '6.9', '3.1', '5.4', '2.1', 'Iris-virginica']
['141', '6.7', '3.1', '5.6', '2.4', 'Iris-virginica']
['142', '6.9', '3.1', '5.1', '2.3', 'Iris-virginica']
['143', '5.8', '2.7', '5.1', '1.9', 'Iris-virginica']
['144', '6.8', '3.2', '5.9', '2.3', 'Iris-virginica']
['145', '6.7', '3.3', '5.7', '2.5', 'Iris-virginica']
['146', '6.7', '3.0', '5.2', '2.3', 'Iris-virginica']
['147', '6.3', '2.5', '5.0', '1.9', 'Iris-virginica']
['148', '6.5', '3.0', '5.2', '2.0', 'Iris-virginica']
['149', '6.2', '3.4', '5.4', '2.3', 'Iris-virginica']
['150', '5.9', '3.0', '5.1', '1.8', 'Iris-virginica']
```

```
In [12]: # Load csv module
import csv

IDList = []

SepallLength = []

# open file for reading
with open('C:/NKNPYTHCODES-03SEP2021/Iris.csv') as csvDataFile:

    # read file as csv file
    csvReader = csv.reader(csvDataFile)

    # for every row, print the row
    for row in csvReader:
        IDList.append(row[0])
        SepallLength.append(row[1])

    print('Values in IDLIST')
    for x in IDList:
        print(x, end = '\t')

    print('\n \n')
    print('Values in SepaLength')
    for x in SepallLength:
        print(x, end = '\t')
```

Values in IDLIST

Id	1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20	21
22	23	24	25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40	41	42	43
44	45	46	47	48	49	50	51	52	53	54
55	56	57	58	59	60	61	62	63	64	65
66	67	68	69	70	71	72	73	74	75	76
77	78	79	80	81	82	83	84	85	86	87
88	89	90	91	92	93	94	95	96	97	98

99	100	101	102	103	104	105	106	107	108	109
110	111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130	131
132	133	134	135	136	137	138	139	140	141	142
143	144	145	146	147	148	149	150			

Values in SepalLength

SepalLengthCm	5.1	4.9	4.7	4.6	5.0	5.4	4.6	5.0	4.4	
4.9	5.4	4.8	4.8	4.3	5.8	5.7	5.4	5.1	5.7	5.1
5.4	5.1	4.6	5.1	4.8	5.0	5.0	5.2	5.2	4.7	4.8
5.4	5.2	5.5	4.9	5.0	5.5	4.9	4.4	5.1	5.0	4.5
4.4	5.0	5.1	4.8	5.1	4.6	5.3	5.0	7.0	6.4	6.9
5.5	6.5	5.7	6.3	4.9	6.6	5.2	5.0	5.9	6.0	6.1
5.6	6.7	5.6	5.8	6.2	5.6	5.9	6.1	6.3	6.1	6.4
6.6	6.8	6.7	6.0	5.7	5.5	5.5	5.8	6.0	5.4	6.0
6.7	6.3	5.6	5.5	5.5	6.1	5.8	5.0	5.6	5.7	5.7
6.2	5.1	5.7	6.3	5.8	7.1	6.3	6.5	7.6	4.9	7.3
6.7	7.2	6.5	6.4	6.8	5.7	5.8	6.4	6.5	7.7	7.7
6.0	6.9	5.6	7.7	6.3	6.7	7.2	6.2	6.1	6.4	7.2
7.4	7.9	6.4	6.3	6.1	7.7	6.3	6.4	6.0	6.9	6.7
6.9	5.8	6.8	6.7	6.7	6.3	6.5	6.2	5.9		

```
In [18]: import csv

def readMyFile(filename):
    IDList = []
    SepalLength = []

    with open(filename) as csvDataFile:
        csvReader = csv.reader(csvDataFile)
        for row in csvReader:
            IDList.append(row[0])
            SepalLength.append(row[1])

    return IDList, SepalLength

IDList, SepalLength = readMyFile('C:/NKNPYTHONCODES-03SEP2021/Iris.csv')

print(IDList)
print('\n\n')
print(SepalLength)
```

```
['Id', '1', '2', '3', '4', '5', '6', '7', '8', '9', '10', '11', '12', '13', '14', '15', '16', '17', '18', '19', '20', '21', '22', '23', '24', '25', '26', '27', '28', '29', '30', '31', '32', '33', '34', '35', '36', '37', '38', '39', '40', '41', '42', '43', '44', '45', '46', '47', '48', '49', '50', '51', '52', '53', '54', '55', '56', '57', '58', '59', '60', '61', '62', '63', '64', '65', '66', '67', '68', '69', '70', '71', '72', '73', '74', '75', '76', '77', '78', '79', '80', '81', '82', '83', '84', '85', '86', '87', '88', '89', '90', '91', '92', '93', '94', '95', '96', '97', '98', '99', '100', '101', '102', '103', '104', '105', '106', '107', '108', '109', '110', '111', '112', '113', '114', '115', '116', '117', '118', '119', '120', '121', '122', '123', '124', '125', '126', '127', '128', '129', '130', '131', '132', '133', '134', '135', '136', '137', '138', '139', '140', '141', '142', '143', '144', '145', '146', '147', '148', '149', '150']
```

```
['SepalLengthCm', '5.1', '4.9', '4.7', '4.6', '5.0', '5.4', '4.6', '5.0', '4.4', '4.9', '5.4', '4.8', '4.8', '4.3', '5.8', '5.7', '5.4', '5.1', '5.7', '5.1', '5.4', '5.1', '4.6', '5.1', '4.8', '5.0', '5.0', '5.2', '5.2', '4.7', '4.8', '5.4', '5.2', '5.5', '4.9', '5.0', '5.5', '4.9', '4.4', '5.1', '5.0', '4.5', '4.4', '5.0', '5.1', '4.8', '5.1', '4.6', '5.3', '5.0', '7.0', '6.4', '6.9', '5.5', '6.5', '5.7', '6.3', '4.9', '6.6', '5.2', '5.0', '5.9', '6.0', '6.1', '5.6', '6.7', '5.6', '5.8', '6.2', '5.6', '5.9', '6.1', '6.3', '6.1', '6.4', '6.6', '6.8', '6.7', '6.0', '5.7', '5.5', '5.5', '5.8', '6.0', '5.4', '6.0', '6.7', '6.3', '5.6', '5.5', '5.5', '6.1', '5.8', '5.0', '5.6', '5.7', '5.7', '6.2', '5.1', '5.7', '6.3', '5.8', '7.1', '6.3', '6.5', '7.0']
```

```
6', '4.9', '7.3', '6.7', '7.2', '6.5', '6.4', '6.8', '5.7', '5.8', '6.4', '6.5', '7.
7', '7.7', '6.0', '6.9', '5.6', '7.7', '6.3', '6.7', '7.2', '6.2', '6.1', '6.4', '7.
2', '7.4', '7.9', '6.4', '6.3', '6.1', '7.7', '6.3', '6.4', '6.0', '6.9', '6.7', '6.
9', '5.8', '6.8', '6.7', '6.7', '6.3', '6.5', '6.2', '5.9']
```

In [20]: `import pandas as pd`

```
df = pd.read_csv('C:/NKNPYTHCODES-03SEP2021/Iris.csv')
print(df.to_string())
```

	Id	SepalLengthCm	SepalWidthCm	PetalLengthCm	PetalWidthCm	Species
0	1	5.1	3.5	1.4	0.2	Iris-setosa
1	2	4.9	3.0	1.4	0.2	Iris-setosa
2	3	4.7	3.2	1.3	0.2	Iris-setosa
3	4	4.6	3.1	1.5	0.2	Iris-setosa
4	5	5.0	3.6	1.4	0.2	Iris-setosa
5	6	5.4	3.9	1.7	0.4	Iris-setosa
6	7	4.6	3.4	1.4	0.3	Iris-setosa
7	8	5.0	3.4	1.5	0.2	Iris-setosa
8	9	4.4	2.9	1.4	0.2	Iris-setosa
9	10	4.9	3.1	1.5	0.1	Iris-setosa
10	11	5.4	3.7	1.5	0.2	Iris-setosa
11	12	4.8	3.4	1.6	0.2	Iris-setosa
12	13	4.8	3.0	1.4	0.1	Iris-setosa
13	14	4.3	3.0	1.1	0.1	Iris-setosa
14	15	5.8	4.0	1.2	0.2	Iris-setosa
15	16	5.7	4.4	1.5	0.4	Iris-setosa
16	17	5.4	3.9	1.3	0.4	Iris-setosa
17	18	5.1	3.5	1.4	0.3	Iris-setosa
18	19	5.7	3.8	1.7	0.3	Iris-setosa
19	20	5.1	3.8	1.5	0.3	Iris-setosa
20	21	5.4	3.4	1.7	0.2	Iris-setosa
21	22	5.1	3.7	1.5	0.4	Iris-setosa
22	23	4.6	3.6	1.0	0.2	Iris-setosa
23	24	5.1	3.3	1.7	0.5	Iris-setosa
24	25	4.8	3.4	1.9	0.2	Iris-setosa
25	26	5.0	3.0	1.6	0.2	Iris-setosa
26	27	5.0	3.4	1.6	0.4	Iris-setosa
27	28	5.2	3.5	1.5	0.2	Iris-setosa
28	29	5.2	3.4	1.4	0.2	Iris-setosa
29	30	4.7	3.2	1.6	0.2	Iris-setosa
30	31	4.8	3.1	1.6	0.2	Iris-setosa
31	32	5.4	3.4	1.5	0.4	Iris-setosa
32	33	5.2	4.1	1.5	0.1	Iris-setosa
33	34	5.5	4.2	1.4	0.2	Iris-setosa
34	35	4.9	3.1	1.5	0.1	Iris-setosa
35	36	5.0	3.2	1.2	0.2	Iris-setosa
36	37	5.5	3.5	1.3	0.2	Iris-setosa
37	38	4.9	3.1	1.5	0.1	Iris-setosa
38	39	4.4	3.0	1.3	0.2	Iris-setosa
39	40	5.1	3.4	1.5	0.2	Iris-setosa
40	41	5.0	3.5	1.3	0.3	Iris-setosa
41	42	4.5	2.3	1.3	0.3	Iris-setosa
42	43	4.4	3.2	1.3	0.2	Iris-setosa
43	44	5.0	3.5	1.6	0.6	Iris-setosa
44	45	5.1	3.8	1.9	0.4	Iris-setosa
45	46	4.8	3.0	1.4	0.3	Iris-setosa
46	47	5.1	3.8	1.6	0.2	Iris-setosa
47	48	4.6	3.2	1.4	0.2	Iris-setosa
48	49	5.3	3.7	1.5	0.2	Iris-setosa
49	50	5.0	3.3	1.4	0.2	Iris-setosa
50	51	7.0	3.2	4.7	1.4	Iris-versicolor
51	52	6.4	3.2	4.5	1.5	Iris-versicolor
52	53	6.9	3.1	4.9	1.5	Iris-versicolor
53	54	5.5	2.3	4.0	1.3	Iris-versicolor
54	55	6.5	2.8	4.6	1.5	Iris-versicolor
55	56	5.7	2.8	4.5	1.3	Iris-versicolor
56	57	6.3	3.3	4.7	1.6	Iris-versicolor
57	58	4.9	2.4	3.3	1.0	Iris-versicolor

58	59	6.6	2.9	4.6	1.3	Iris-versicolor
59	60	5.2	2.7	3.9	1.4	Iris-versicolor
60	61	5.0	2.0	3.5	1.0	Iris-versicolor
61	62	5.9	3.0	4.2	1.5	Iris-versicolor
62	63	6.0	2.2	4.0	1.0	Iris-versicolor
63	64	6.1	2.9	4.7	1.4	Iris-versicolor
64	65	5.6	2.9	3.6	1.3	Iris-versicolor
65	66	6.7	3.1	4.4	1.4	Iris-versicolor
66	67	5.6	3.0	4.5	1.5	Iris-versicolor
67	68	5.8	2.7	4.1	1.0	Iris-versicolor
68	69	6.2	2.2	4.5	1.5	Iris-versicolor
69	70	5.6	2.5	3.9	1.1	Iris-versicolor
70	71	5.9	3.2	4.8	1.8	Iris-versicolor
71	72	6.1	2.8	4.0	1.3	Iris-versicolor
72	73	6.3	2.5	4.9	1.5	Iris-versicolor
73	74	6.1	2.8	4.7	1.2	Iris-versicolor
74	75	6.4	2.9	4.3	1.3	Iris-versicolor
75	76	6.6	3.0	4.4	1.4	Iris-versicolor
76	77	6.8	2.8	4.8	1.4	Iris-versicolor
77	78	6.7	3.0	5.0	1.7	Iris-versicolor
78	79	6.0	2.9	4.5	1.5	Iris-versicolor
79	80	5.7	2.6	3.5	1.0	Iris-versicolor
80	81	5.5	2.4	3.8	1.1	Iris-versicolor
81	82	5.5	2.4	3.7	1.0	Iris-versicolor
82	83	5.8	2.7	3.9	1.2	Iris-versicolor
83	84	6.0	2.7	5.1	1.6	Iris-versicolor
84	85	5.4	3.0	4.5	1.5	Iris-versicolor
85	86	6.0	3.4	4.5	1.6	Iris-versicolor
86	87	6.7	3.1	4.7	1.5	Iris-versicolor
87	88	6.3	2.3	4.4	1.3	Iris-versicolor
88	89	5.6	3.0	4.1	1.3	Iris-versicolor
89	90	5.5	2.5	4.0	1.3	Iris-versicolor
90	91	5.5	2.6	4.4	1.2	Iris-versicolor
91	92	6.1	3.0	4.6	1.4	Iris-versicolor
92	93	5.8	2.6	4.0	1.2	Iris-versicolor
93	94	5.0	2.3	3.3	1.0	Iris-versicolor
94	95	5.6	2.7	4.2	1.3	Iris-versicolor
95	96	5.7	3.0	4.2	1.2	Iris-versicolor
96	97	5.7	2.9	4.2	1.3	Iris-versicolor
97	98	6.2	2.9	4.3	1.3	Iris-versicolor
98	99	5.1	2.5	3.0	1.1	Iris-versicolor
99	100	5.7	2.8	4.1	1.3	Iris-versicolor
100	101	6.3	3.3	6.0	2.5	Iris-virginica
101	102	5.8	2.7	5.1	1.9	Iris-virginica
102	103	7.1	3.0	5.9	2.1	Iris-virginica
103	104	6.3	2.9	5.6	1.8	Iris-virginica
104	105	6.5	3.0	5.8	2.2	Iris-virginica
105	106	7.6	3.0	6.6	2.1	Iris-virginica
106	107	4.9	2.5	4.5	1.7	Iris-virginica
107	108	7.3	2.9	6.3	1.8	Iris-virginica
108	109	6.7	2.5	5.8	1.8	Iris-virginica
109	110	7.2	3.6	6.1	2.5	Iris-virginica
110	111	6.5	3.2	5.1	2.0	Iris-virginica
111	112	6.4	2.7	5.3	1.9	Iris-virginica
112	113	6.8	3.0	5.5	2.1	Iris-virginica
113	114	5.7	2.5	5.0	2.0	Iris-virginica
114	115	5.8	2.8	5.1	2.4	Iris-virginica
115	116	6.4	3.2	5.3	2.3	Iris-virginica
116	117	6.5	3.0	5.5	1.8	Iris-virginica
117	118	7.7	3.8	6.7	2.2	Iris-virginica
118	119	7.7	2.6	6.9	2.3	Iris-virginica
119	120	6.0	2.2	5.0	1.5	Iris-virginica
120	121	6.9	3.2	5.7	2.3	Iris-virginica
121	122	5.6	2.8	4.9	2.0	Iris-virginica
122	123	7.7	2.8	6.7	2.0	Iris-virginica
123	124	6.3	2.7	4.9	1.8	Iris-virginica
124	125	6.7	3.3	5.7	2.1	Iris-virginica
125	126	7.2	3.2	6.0	1.8	Iris-virginica
126	127	6.2	2.8	4.8	1.8	Iris-virginica

127	128	6.1	3.0	4.9	1.8	Iris-virginica
128	129	6.4	2.8	5.6	2.1	Iris-virginica
129	130	7.2	3.0	5.8	1.6	Iris-virginica
130	131	7.4	2.8	6.1	1.9	Iris-virginica
131	132	7.9	3.8	6.4	2.0	Iris-virginica
132	133	6.4	2.8	5.6	2.2	Iris-virginica
133	134	6.3	2.8	5.1	1.5	Iris-virginica
134	135	6.1	2.6	5.6	1.4	Iris-virginica
135	136	7.7	3.0	6.1	2.3	Iris-virginica
136	137	6.3	3.4	5.6	2.4	Iris-virginica
137	138	6.4	3.1	5.5	1.8	Iris-virginica
138	139	6.0	3.0	4.8	1.8	Iris-virginica
139	140	6.9	3.1	5.4	2.1	Iris-virginica
140	141	6.7	3.1	5.6	2.4	Iris-virginica
141	142	6.9	3.1	5.1	2.3	Iris-virginica
142	143	5.8	2.7	5.1	1.9	Iris-virginica
143	144	6.8	3.2	5.9	2.3	Iris-virginica
144	145	6.7	3.3	5.7	2.5	Iris-virginica
145	146	6.7	3.0	5.2	2.3	Iris-virginica
146	147	6.3	2.5	5.0	1.9	Iris-virginica
147	148	6.5	3.0	5.2	2.0	Iris-virginica
148	149	6.2	3.4	5.4	2.3	Iris-virginica
149	150	5.9	3.0	5.1	1.8	Iris-virginica

```
In [21]: import pandas as pd

df = pd.read_csv('C:/NKNPYTHCODES-03SEP2021/Iris.csv')
print(df.loc[0])
```

```
Id      1
SepalLengthCm    5.1
SepalWidthCm     3.5
PetalLengthCm    1.4
PetalWidthCm     0.2
Species      Iris-setosa
Name: 0, dtype: object
```