

1 Automatic table generation (for testing)

| last name | first name | address | zip | telephone | year of birth |
|-----------|------------|-----------------|--------|-----------|---------------|
| Appleby | Anne | Shrimpsbury | SH-124 | 555-4455 | 1960 |
| Brown | Carl | Midsomer Garden | MD-945 | 555-2423 | 1982 |
| Smith | John | Shrimpsbury | SH-123 | 555-4584 | 1978 |
| Underwood | Mary | Oglsby | OG-345 | 555-3434 | 1956 |

2 My first CSV table

| My telephone book | |
|-------------------|----------|
| Name | Number |
| Anne Appleby | 555-4455 |
| Carl Brown | 555-2423 |
| John Smith | 555-4584 |
| Mary Underwood | 555-3434 |

3 Remembering the names

Anne was born in 1960 and lives in Shrimpsbury.

Carl was born in 1982 and lives in Midsomer Garden.

John was born in 1978 and lives in Shrimpsbury.

Mary was born in 1956 and lives in Oglsby.

4 Filter fun

Shrimpsbury friends: Appleby, Anne 555-4455
 Smith, John 555-4584

5 More filter fun

| People born before 1980 | | | |
|-------------------------|----------------|--------------------|----------------|
| # | Name | Postal address | input line no. |
| 1 | Anne Appleby | SH-124 Shrimpsbury | 2 |
| 2 | John Smith | SH-123 Shrimpsbury | 4 |
| 3 | Mary Underwood | OG-345 Oglsby | 5 |

6 Again and again

| Predefined table | | | |
|------------------|----------------|-----------|------------------------|
| # | Name | Telephone | Postal address |
| 1 | Anne Appleby | 555-4455 | SH-124 Shrimpsbury |
| 2 | Carl Brown | 555-2423 | MD-945 Midsomer Garden |
| 3 | John Smith | 555-4584 | SH-123 Shrimpsbury |
| 4 | Mary Underwood | 555-3434 | OG-345 Oglsby |

| Filtering for Smith | | | |
|---------------------|------------|-----------|--------------------|
| # | Name | Telephone | Postal address |
| 1 | John Smith | 555-4584 | SH-123 Shrimpsbury |

| Loop instead of reader | | | |
|------------------------|----------------|-----------|------------------------|
| # | Name | Telephone | Postal address |
| 1 | Anne Appleby | 555-4455 | SH-124 Shrimpsbury |
| 2 | Carl Brown | 555-2423 | MD-945 Midsomer Garden |
| 3 | John Smith | 555-4584 | SH-123 Shrimpsbury |
| 4 | Mary Underwood | 555-3434 | OG-345 Oglsby |

| With Shrimpsbury filter | | | |
|-------------------------|--------------|-----------|--------------------|
| # | Name | Telephone | Postal address |
| 1 | Anne Appleby | 555-4455 | SH-124 Shrimpsbury |
| 2 | John Smith | 555-4584 | SH-123 Shrimpsbury |

| A little modification | | | |
|-----------------------|----------------|-----------|------------------------|
| # | Name | Telephone | Postal address |
| 1 | Anne Appleby | 555-4455 | SH-124 Shrimpsbury |
| 2 | Carl Brown | 555-2423 | MD-945 Midsomer Garden |
| 3 | John Smith | 555-4584 | SH-123 Shrimpsbury |
| 4 | Mary Underwood | 555-3434 | OG-345 Oglsby |