

# EPAM Python Software Engineer Training

## Lesson 1

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### Truth Table

1. A and B or C
2. (A and B) or C
3. A and (B or C)
4. A or not (B or A) or (not C and B)
5. (A or not B) and (C or not A)

No	A	B	C	1	2	3	4	5
1	False	False	False	False	False	False	True	True
2	False	False	True	True	True	False	True	True
3	False	True	False	False	False	False	True	False
4	False	True	True	True	True	False	False	False
5	True	False	False	False	False	False	True	False
6	True	False	True	True	True	True	True	True
7	True	True	False	True	True	True	True	False
8	True	True	True	True	True	True	True	True

### Convert to HTML

#### Commands

1. `rst2html truth_table.rst truth_table.html`

### Convert to PDF

#### Commands

1. `rst2pdf truth_table.rst truth_table.pdf`

## **Installed packages**

In case of using python3, download python3 versions of this libraries. In most cases pip contain python 2 libraries.

1. `aafigure==0.5`
2. `docutils==0.12`
3. `reportlab==3.3.0`
4. `rst2pdf===0.93.dev-r0`
5. `Sphinx==1.4.6`
6. `sphinxcontrib-aafig==1.0`
7. `svg2rlg==0.3`
8. `tenjin==1.1.1`
9. `tex==1.8`

## **Install libraries for python 3**

1. Download python 3 distribution
2. Unpack it
3. run: `python setup.py install`