

UNIT 3 *EAN Bar Codes*

Overhead Slides

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 - 3.4 Appendix 1 – left hand codes
 - 3.5 Appendix 2 – number sets
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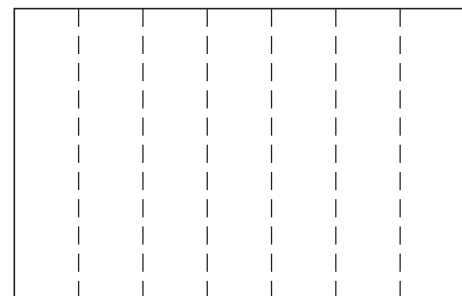
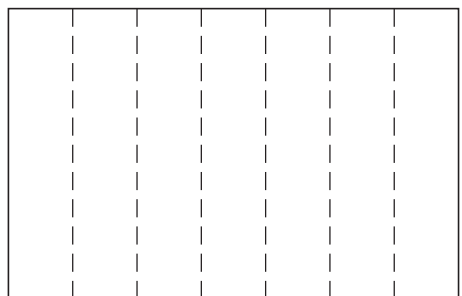
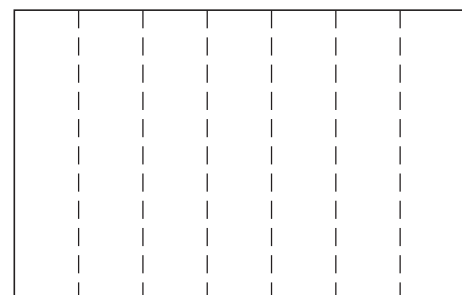
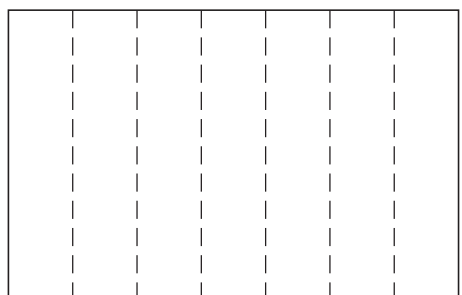
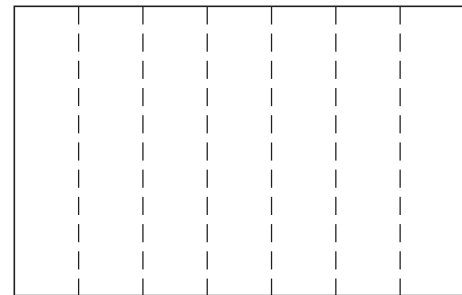
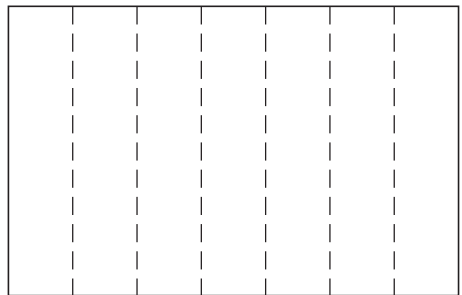
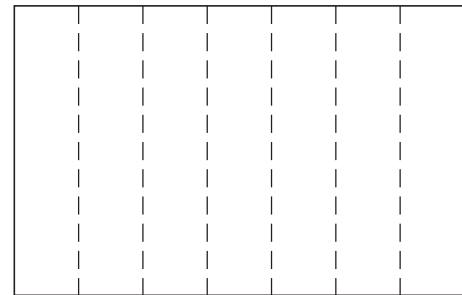
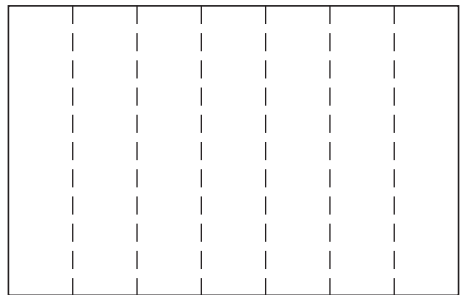
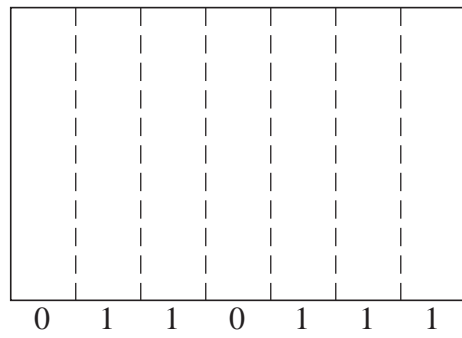
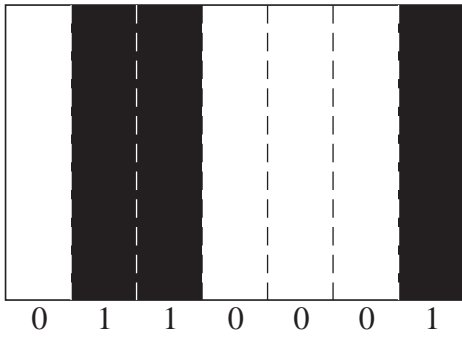
OS 3.1

Examples of Bar Codes



OS 3.2

7-Module Design for Bar Codes



OS 3.3

Rules for Design of Codes

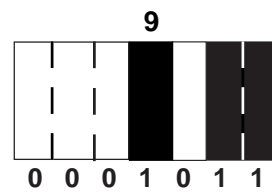
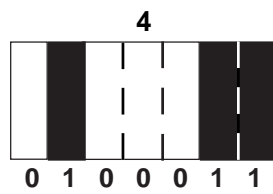
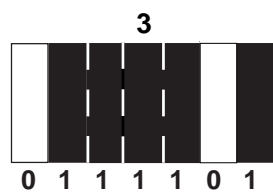
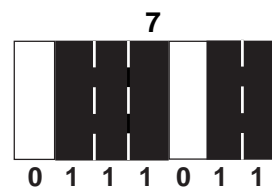
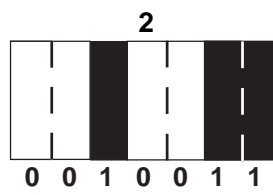
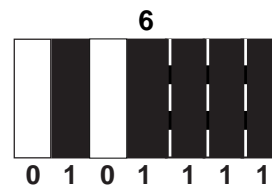
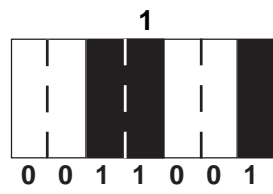
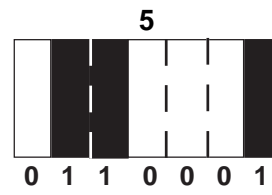
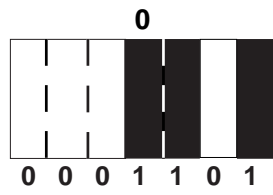
Each number has two white and two black strips of varying thicknesses following the rules that,

- the first module must be white,
 - the final module must be black,
 - there are in total either 3 or 5 black modules.
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OS 3.4

Appendix 1

Left hand codes



OS 3.6

Appendix 3

Coding system for left-most digit of EAN 13

Value of digits	Number sets for coding left hand numbers
0	A A A A A A
1	A A B A B B
2	A A B B A B
3	A A B B B A
4	A B A A B B
5	A B B A A B
6	A B B B A A
7	A B A B A B
8	A B A B B A
9	A B B A B A

OS 3.7

EAN 13 Template

