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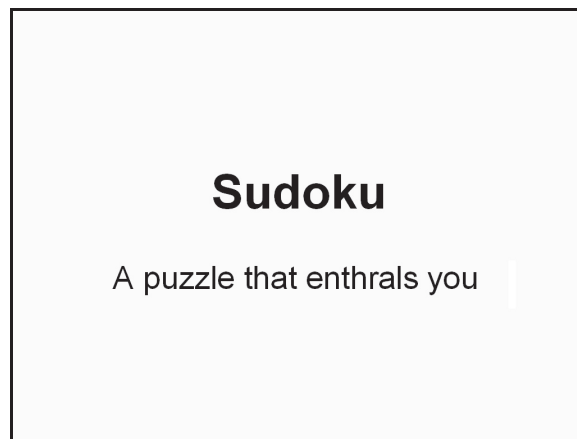
## 2. Sudoku

Create the following presentation consisting of 4 slides, which introduces sudoku, a very popular logical puzzle of our age. Save the created presentation as *szudoku* in the format of the program used by you. You can find the pictures to be inserted in files *szudoku1.gif*, *szudoku2.gif* and *szudoku3.gif*. The text of the presentation can be found in text file *szoveg.txt*. Place the text on the slides according to the example.

1. The background of each slide should be pale yellow, colour with RGB code (255, 255, 204).
2. The font type on each slide should be Arial or Nimbus Sans.
3. For the title on the first slide the text size is 60 points, it is bold, black and aligned centered; for the subtitle the text size is 40 points, it is black.
4. For the titles on the other slides the colour is black, the text size is 40 points and they are aligned centered; the text size of the other texts is 26 points.
5. The text on the second and third slides should form a list.
6. Insert picture *szudoku1.gif* on the right side of the third slide. Change its size to 11.5 cm × 11.5 cm.
7. Draw three red arrows with RGB code (255, 0, 0) on the third slide according to the example: one should point horizontally to the left, one should point vertically down and a third one should point “around” within a small 3×3 square.
8. Insert pictures *szudoku2.gif* and *szudoku3.gif* on the fourth slide.
9. During the slide show, the elements of the list and the shapes on the third slide should appear on click in the following order:
  - a. The elements of the list by paragraphs
  - b. Picture *szudoku1.gif*
  - c. Horizontal arrow
  - d. Vertical arrow
  - e. Arrow pointing around
10. On the fourth slide the incomplete picture should appear together with the title and the completed picture should appear on click; the latter should cover the former completely.

<b>15 marks</b>
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**Example for the Sudoku exercise:**



Slide 1

**History, features**

- 18<sup>th</sup> century, Euler: "magic square"
- 1979 USA, Howard Garns: not a big success
- 1984 Japan: big success (su: number, doku: once)
- simple rules
- many versions (size, shape, characters etc.)
- 2006: first world championship
- minimum number of numbers to be provided: (probably) 17

Slide 2

**Numbers 1 to 9 appear once in**

- each row
- each column
- each small 3x3-sized square!

Slide 3

**Example**

					4	8		
9				4	3	6		
		8					5	
	6		5	9	1		4	
2		9	8					1
3	4	2	7			5		
			2			8		
		1			6	7		3

Slide 4 – first picture

**Example**

1	3	7	6	2	5	4	8	9
9	8	5	1	4	3	6	7	2
6	2	4	9	8	7	1	3	5
4	1	8	3	6	2	9	5	7
7	6	3	5	9	1	2	4	8
2	5	9	8	7	4	3	6	1
3	4	2	7	1	8	5	9	6
5	7	6	2	3	9	8	1	4
8	9	1	4	5	6	7	2	3

Slide 4 – second picture (after click)