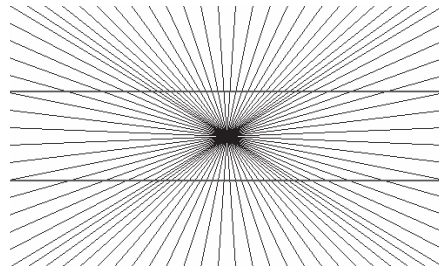


2. Sensation, perception

Our senses cheat us many times. Here you have to solve an exercise connected to sensory illusion.

In the exercise you have to work with the following files: *vonalak.gif*, *serleg.gif*, *hermann.jpg*.

1. Create picture *hering.gif* shown in the example from file *vonalak.gif* through reflection and copying. Do not change the dimensions of the picture.
2. The colour of the two horizontal lines in the picture should be red. Do not forget to save the created picture into file *hering.gif*.



3. Create the pictures shown in the following figures in size 200×180 pixels from file *serleg.gif* through filling.
4. Use black colour for filling. Save the picture created according to the left figure as *rubin1.jpg* and the picture created according to the right figure as *rubin2.jpg*.



Create a presentation using the created pictures.

5. Create a presentation of 4 slides and save it as *erzeke1* in the default format of the presentation program. The background colour of the slides should be light brown, colour with RGB code (234, 163, 84) and the colour of the text appearing on the slides should be white, colour with RGB code (255, 255, 255).
6. On the first slide, type in text “Sensation, perception” as the title of the presentation.
7. On the following slides use the following arrangement: the font size of the slide title should be 42 points, place the picture under it aligned centered on the slide. The text box under the picture and the text it contains should be aligned centered, the font size of the text should be 28 points.
8. On the second slide, type in text “Lateral inhibition: Hermann grid” as title. Insert picture *hermann.jpg* into the slide. Align the picture according to the instructions.
9. The text appearing under the picture should be “Count how many black points you see in the picture”
10. The title of the third slide should be “Hering lines”. Display picture *hering.gif* under the title. (If picture *hering.gif* was not created, insert file *vonalak.gif* into the slide.)

11. Type in question “Are the two red lines curved or straight?” under the picture as text.
12. For the last slide the title should be “Figure and background: Rubin cup”. Insert pictures *rubin1.jpg* and *rubin2.jpg* under it. (If you do not have the two files, insert file *serleg.gif* instead of both files.) Align the pictures vertically centered on the slide. The two pictures should appear next to each other, at the same distance from the mid-line of the slide. Type in question “Two human faces or one cup?” under the picture.
13. Set automatic slide transition for the slides of the presentation. The slides should appear after each other after 5 seconds.

15 marks

