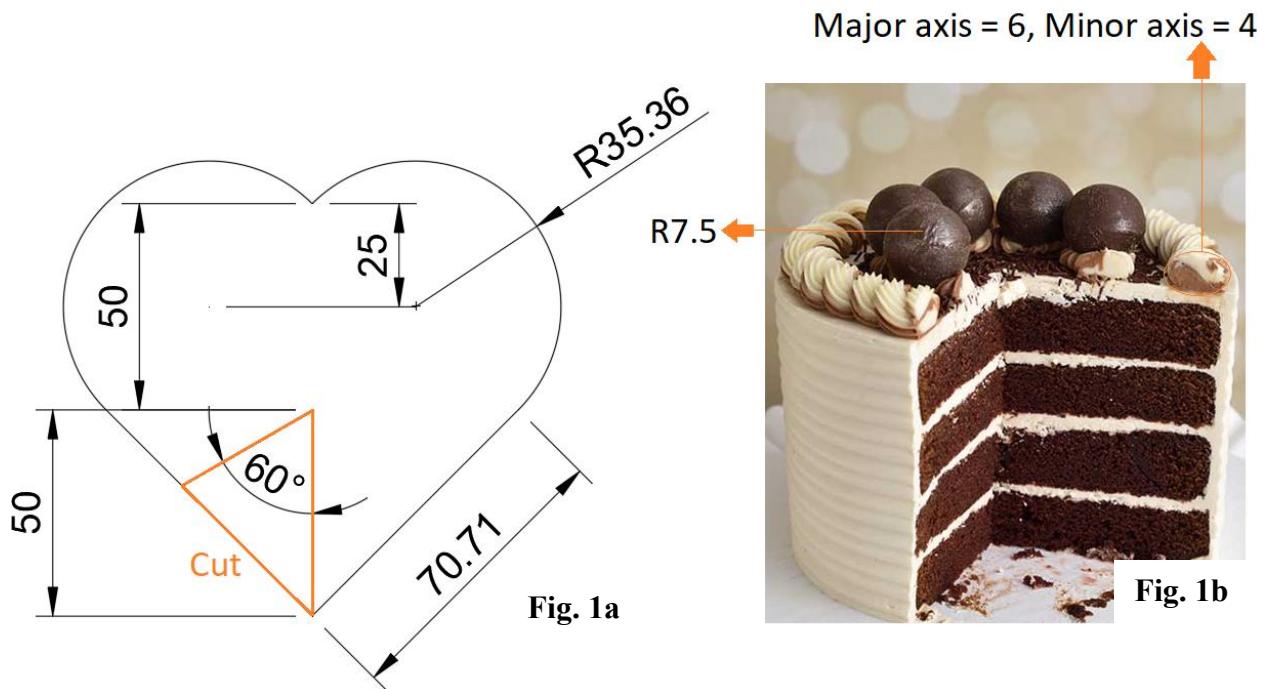


Lab Sheet 12

Creating eye-catching designs through CAD software rendering for advertisements and magazines is indeed an art that blends technical skill with artistic vision.

Task 1: Make an eye-catching heart-shaped cake according to dimensions given in Fig. 1a with four chocolate (layer thickness 10 mm) and cream (layer thickness 4 mm) layers as shown in Fig. 1b. Fill colors/textures to this cake, having a background and other designs like Fig. 1b with a shadow on the left side.



Task 2: Create an eye-catching advertisement picture for a Hercules bicycle, using the attached logo.png and bicycle.step files as references (see example in Fig. 2). For this picture, fill in the color and texture for each component of the bicycle based on your preferences, using the provided environment template (environment.exr) and ensuring that shadows are added to the back side. Please find “lab_12_tasks.zip” for this task on Moodle.



Task 3: Create an eye-catching advertisement picture for a Microsoft laptop, using the attached laptop.step file as a reference (see example in Fig. 3). For this advertisement picture, fill the color/textured in each component, light the keypad with a backlight, and put this laptop above the table with a blurred shadow on the right side. Also apply a suitable image to the laptop screen. Please find “lab_12_tasks.zip” for this task on Moodle.



Note: For all the tasks below, submit rendered pictures (png file format) in at least 1920*1080 resolution.