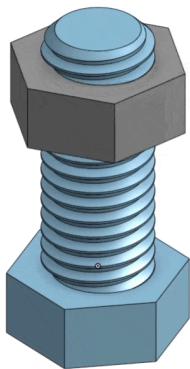
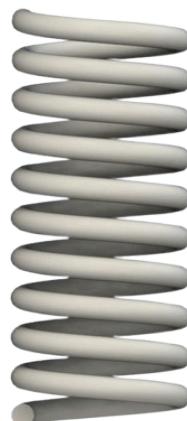


1. Create the 3D model illustrated in Figure 1(a), including an animation. To generate the spherical screw threads of the nut, apply a method similar to the spring model shown in Figure 1(b). (Refer to the uploaded GIF image for the animation sequence.)

Submit the `.cpp` file/source file to the submission thread of the LMS.



(a)



(b)

**Figure 1: 3D model**