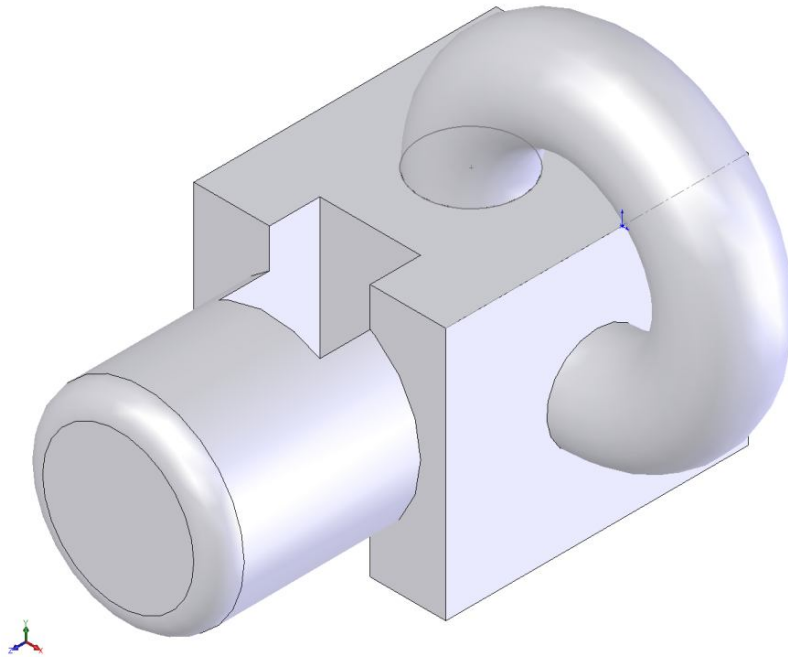# CAD 2009
Homework #3

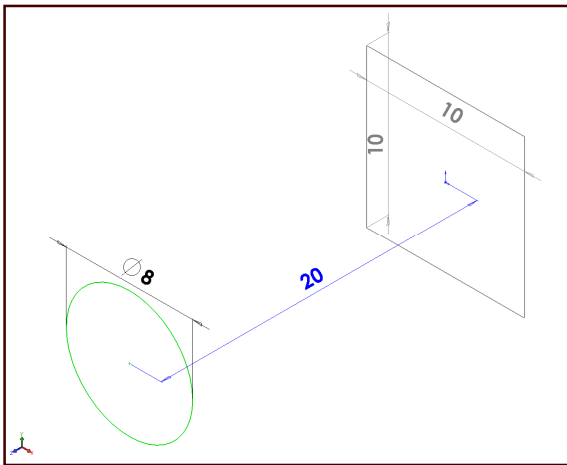Parasolid Kernel

Due Date: 2009.05.14. 23:00:00
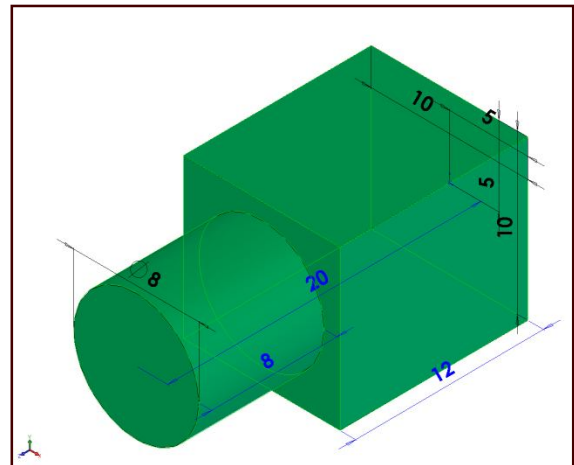
Modeling using PK Interface

□ REQUIREMENT

- Modeling a same object as it is created with Solidworks using PK Interface

- Open Parasolid base-code

- Copy *MyCode.cpp* and *MyCode.h* into the source folder and modify *RunMyCode()*.

- Complete 6 steps(NEXT PAGE).

- The result of each step of your program should be same as that of the given *HW3_Parasolid.exe*.
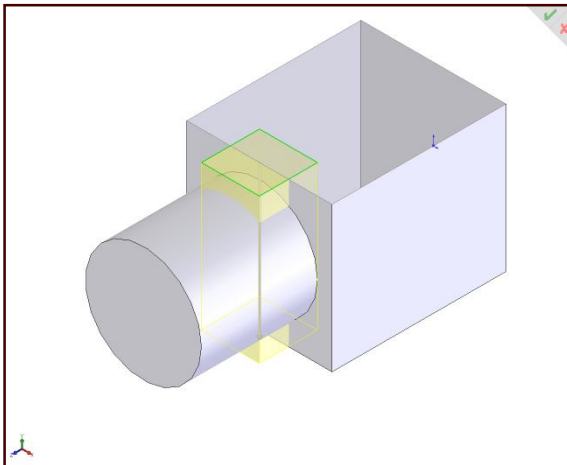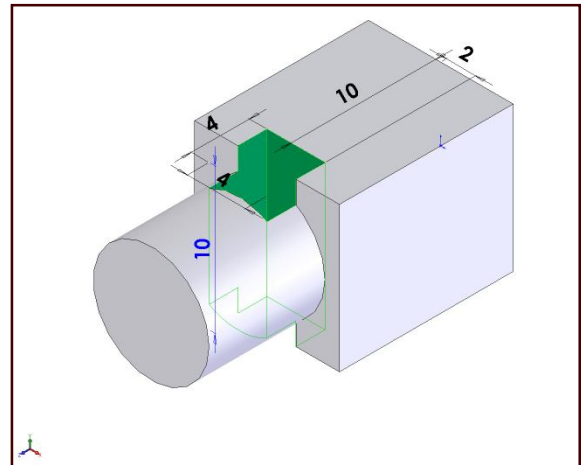
Procedure & Tip

Step1: Make a rectangle sheet body and a circle sheet body.

Step2: Make two extruded bodies from sheet bodies. Unite them into ONE main body.
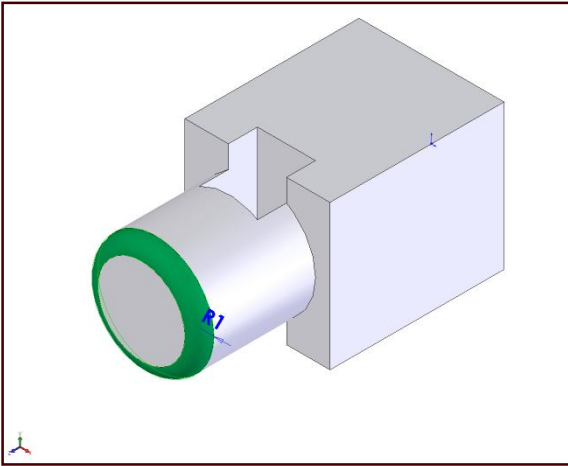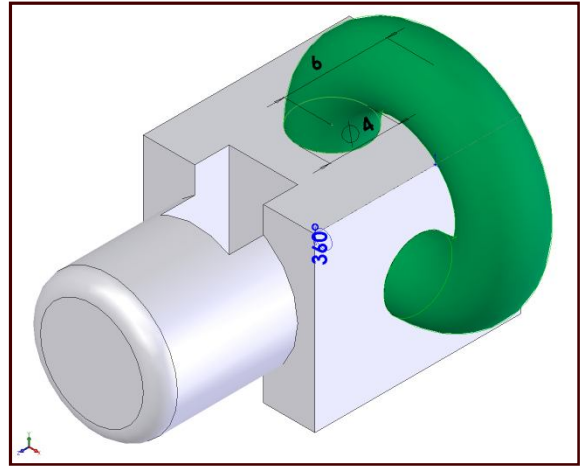

Step3: Make an extruded body for subtraction.

Step4: Subtract it from the main body.

Procedure & Tip

Step5: Make a fillet at the top circle edge of the main body. Radius of fillet is 1.0.

Step6: Create a sheet circle and spin it around an edge of the main body. Unite it to the main body.

□ Refer to http://cad.snu.ac.kr/parasolid

Submission details

- Objects on demand:

    - ZIP Archive file for *Source* folder.

        - Release mode compiled execute file

        - Contain modified *MyCode.cpp*

        - Do not include *PSKERNEL.DLL*(too big)

    - Make a 'README.txt' file for very short comments about the homework

    - Make a 'Zip' file name of 'HW2_(StudentID)_(NAME).zip' which includes the Source folder and 'README.txt' file

- Submit: http://etl.snu.ac.kr/

    - Due : May 14, 2009, 23:00:00

    - Upload to Assignment Board