

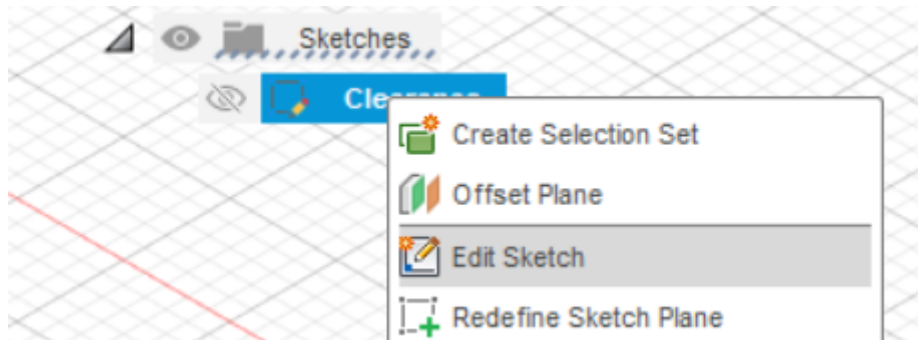
Edited on: 17.03.2022

## 3DMP - Homework no. 0 - “Get started”

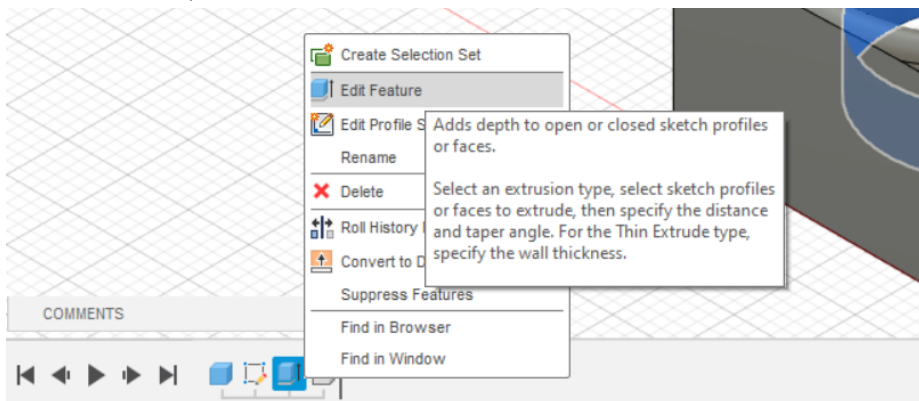
- Hard deadline: *First lab*
- Tasks:
  1. Install Fusion 360 & Create an Autodesk student account  
<https://www.autodesk.com/education/edu-software/overview?sorting=featured&filters=individual>
  2. Install Prusa Slicer [https://www.prusa3d.com/page/prusaslicer\\_424/](https://www.prusa3d.com/page/prusaslicer_424/)

## Lab 1 TIPS utile pentru teme

- Creați cat mai puține schițe atunci cand modelati 3D! Folosiți cat mai des EDIT SKETCH în loc sa faceți o schita aditionala!



- În loc sa repetati o operațiune executată greșit, folosiți EDIT FEATURE dând click dreapta pe operațiunea respectivă în timeline, pentru a o modifica!



- Folosiți roțița mouse-ului pentru ORBIT și PAN

## 3DMP - Homework no. 1 - “Hold my keys”

- Hard deadline: *18.03.2022 - 23:59:59*
- Tasks:
  1. Create a [GrabCAD](#) account and add your profile's link to this spreadsheet: [GRABCAD ACCOUNTS LIST](#)
  2. Turn on capture history when 3D modeling in Fusion! (*the homework will not be graded if capture history is not turned on*)

3. Design in Fusion 360 a KEYCHAIN & a KEY HOOK
  - a. Keychain maximum dimensions: 7 cm x 7cm x 0.5 cm
  - b. Key hook maximum dimensions: 15cm x 5cm x 5cm
  - c. Have in mind that they need to be 3D printed!
  - d. It's recommended to start from a canvas!
4. Add the homework on GrabCAD; In order to have the homework graded the file needs to contain:
  - a. The keychain .f3d project
  - b. The key hook .f3d project
  - c. The keychain exported as STL
  - d. The key hook exported as STL



**Key chains examples**



**Hooks examples**