

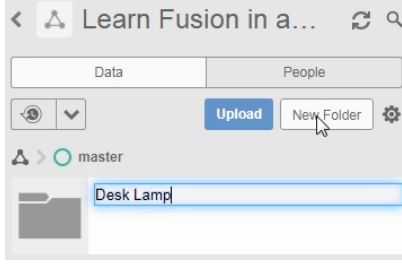

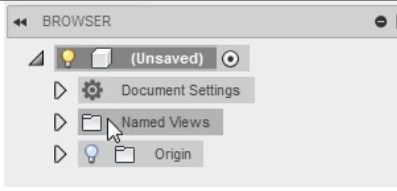
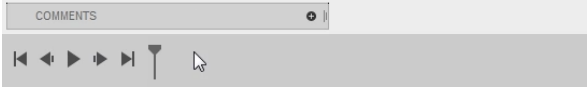

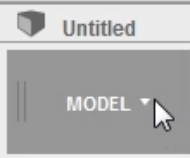
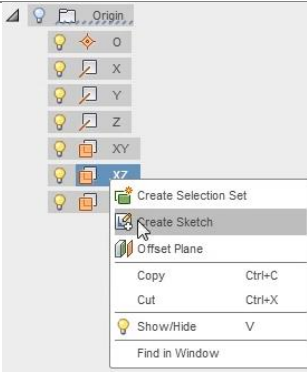
Lesson: Fusion 360 UI walk-through

In this lesson, you will familiarize yourself with the user interface and begin sketching.

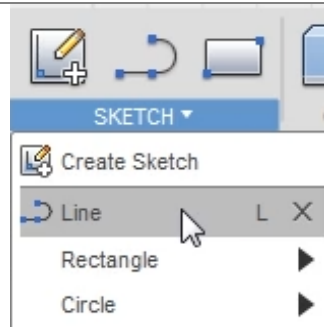
Learning Objectives:

- Start a sketch.
- Navigate Workspaces.
- Access the Marking Menu.
- Learn about preview technology.

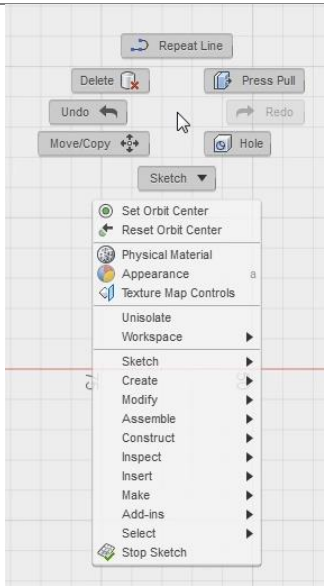
Step 1: Familiarize yourself with Fusion 360's user interface

1. Open the Data Panel to find the master section which you will use to create a new folder named "Desk Lamp". Minimize the Data Panel.	
2. The Tools are across the top of the screen.	
3. The Browser is on the left.	
4. The Timeline is on the bottom.	
5. The Visual Properties are in the center near the bottom.	
6. The Workspace is near the top left of the screen.	
7. Expand the origin folder in the Browser; right click the XZ plane to choose Create Sketch.	

8. Sketch entities can be created by selecting them from the Sketch dropdown menu in the workspace. If keyboard shortcuts are available they will be listed next to the sketch entity.

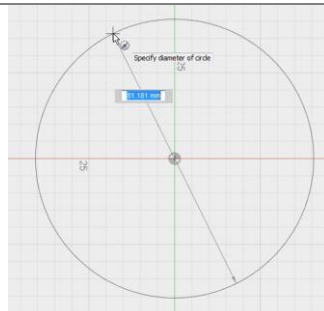


9. Alternately, sketch entities can be accessed by right clicking in the Canvas to show the Marking Menu. This will reveal icons for quick access. Choose the Circle tool.

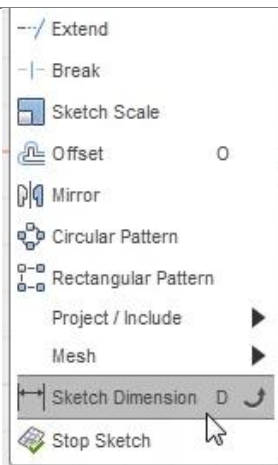


Step 2: Begin sketching

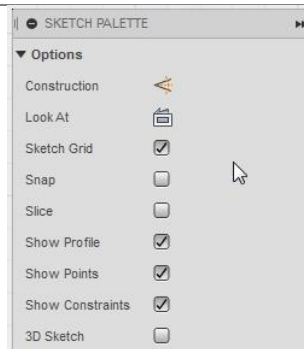
1. Left click on the Canvas origin, drag your cursor up and left, and left click to complete the circle.



2. Assign a dimension to the circle by going to the Model Workspace and clicking on Sketch> Sketch Dimension. Enter a value of 100mm.



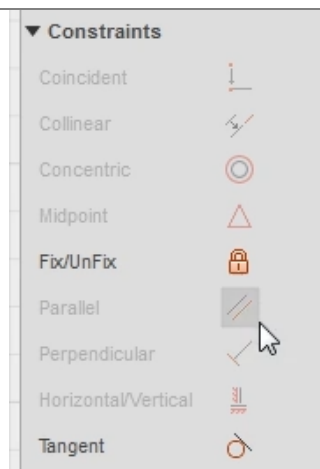
- 3.
4. Note the options available in the Sketch Palette on the right side of the screen.



5. Press L on the keyboard to access the line tool. Press the green check mark to end the Line Tool. Right click in the Canvas and use the Marking Menu to choose OK to leave the Line Tool.



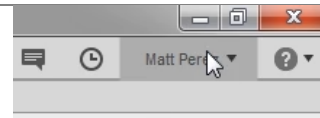
6. Select the circle and the line by holding the Ctrl key and clicking on the two items. The available constraints appear in the Sketch Palette. Choose Tangent. Note how the two items are constrained by rotating the line around the circle.



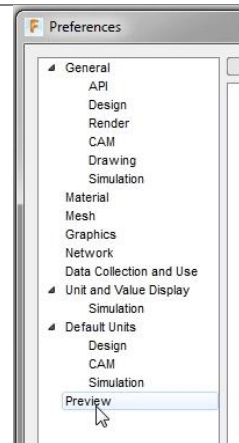
7. Stop the sketch by clicking the Stop Sketch icon in the Tools section .



8. Customize the behavior of the user interface by clicking on your name in the upper right corner of the screen and selecting preferences from the dropdown menu.



9. Left click on Preview in the left column of the Preferences dialog box; this displays the new features of Fusion 360 which you might choose to test. Close the Preferences dialog box by clicking OK.



10. You can save the file by clicking on the disk icon at the top left of the screen.

