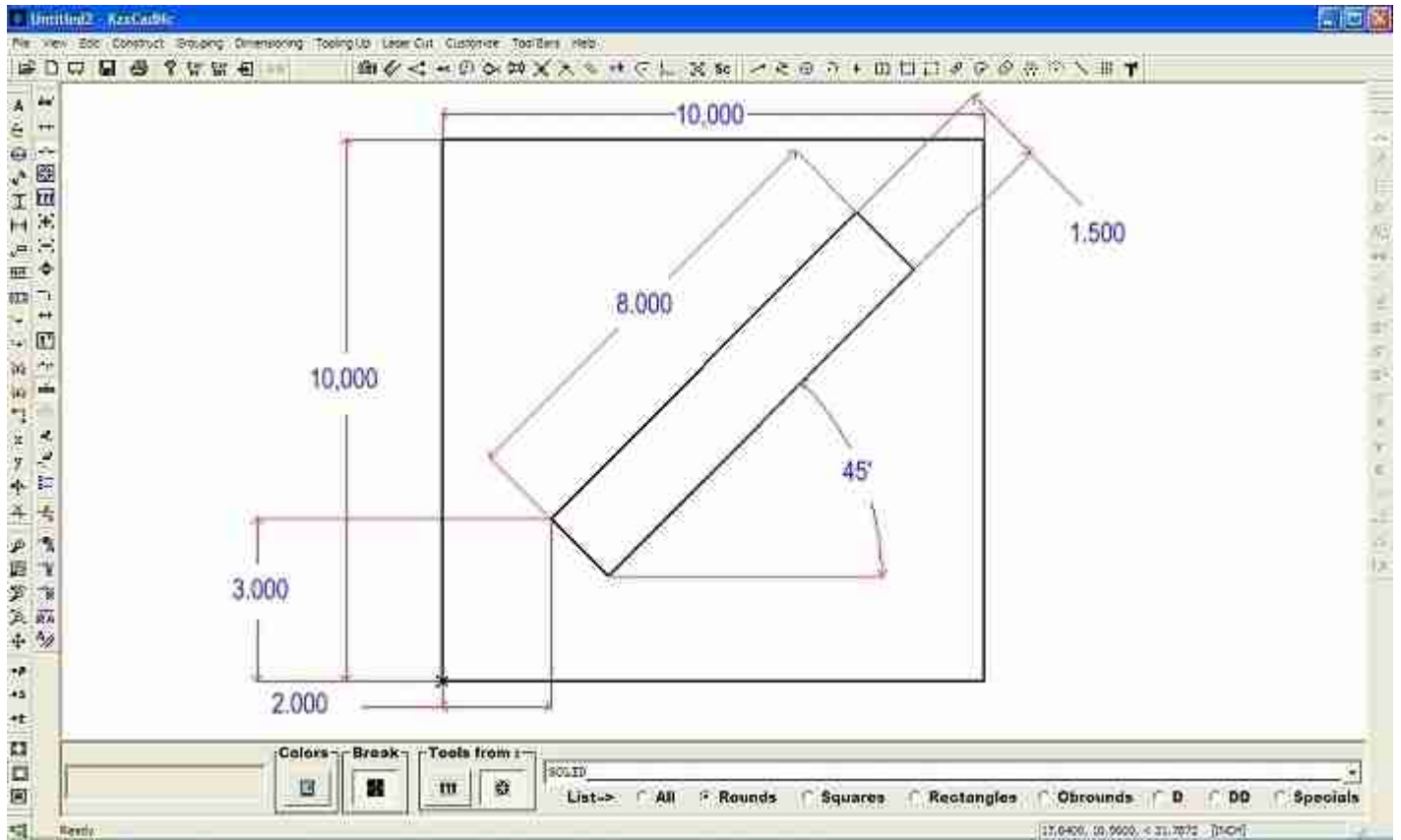


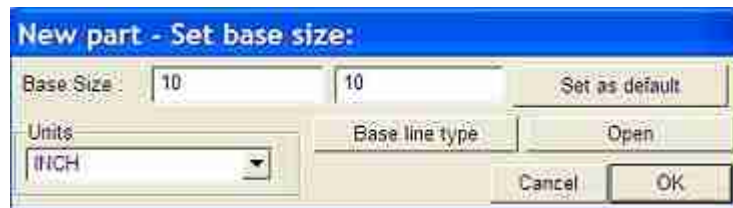
LINE AND MULTILINE

The image below will be our tutorial part and final product to demonstrate the use of Line and Multi Lines.



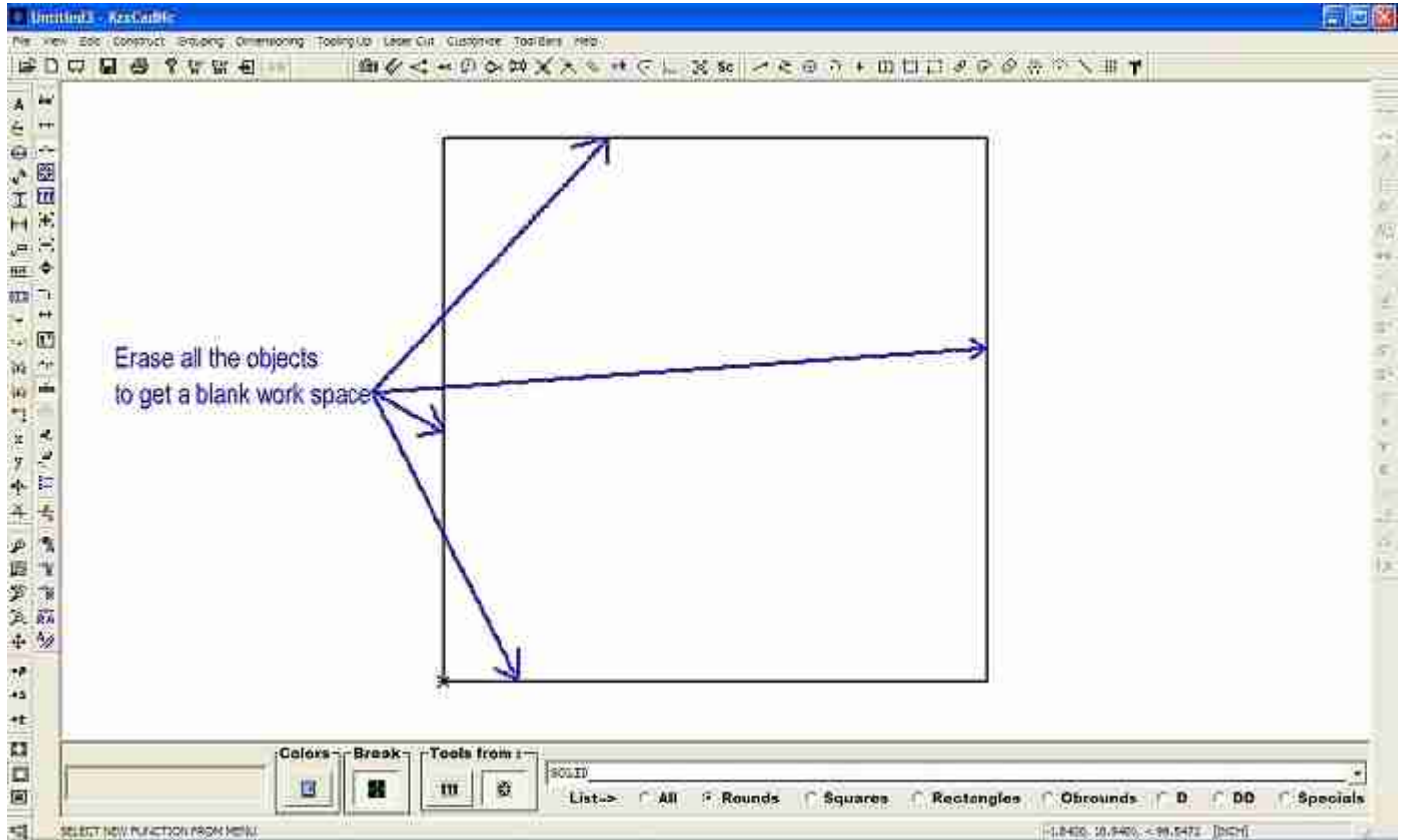
The initial base

Got menu File-New Part to initiate our base and set the base size to 10,000, 10,000 and the system to inches then click the OK button as shown below:



Erase all your lines to get a blank space

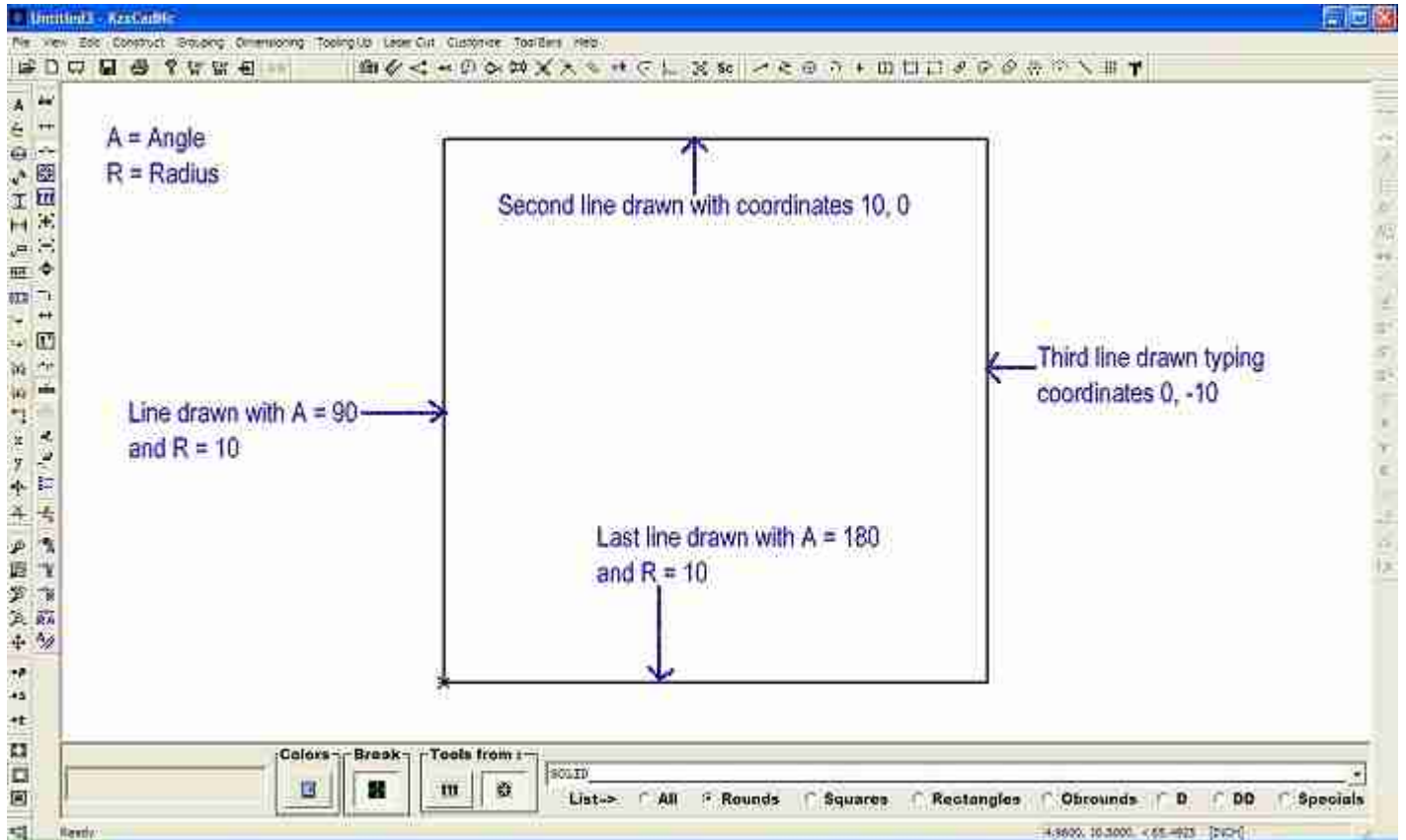
You should get a 10 X 10 part. For the purpose of our tutorial erase all the lines by going to menu Edit-Delete, Find every line and delete it one by one. With one right mouse click turn your snaps on, your cursor should start to jump from line to line then with a single left mouse click select and delete it, repeat the process 3 more times to have a blank work space.



Draw your 10 X 10 outer base lines

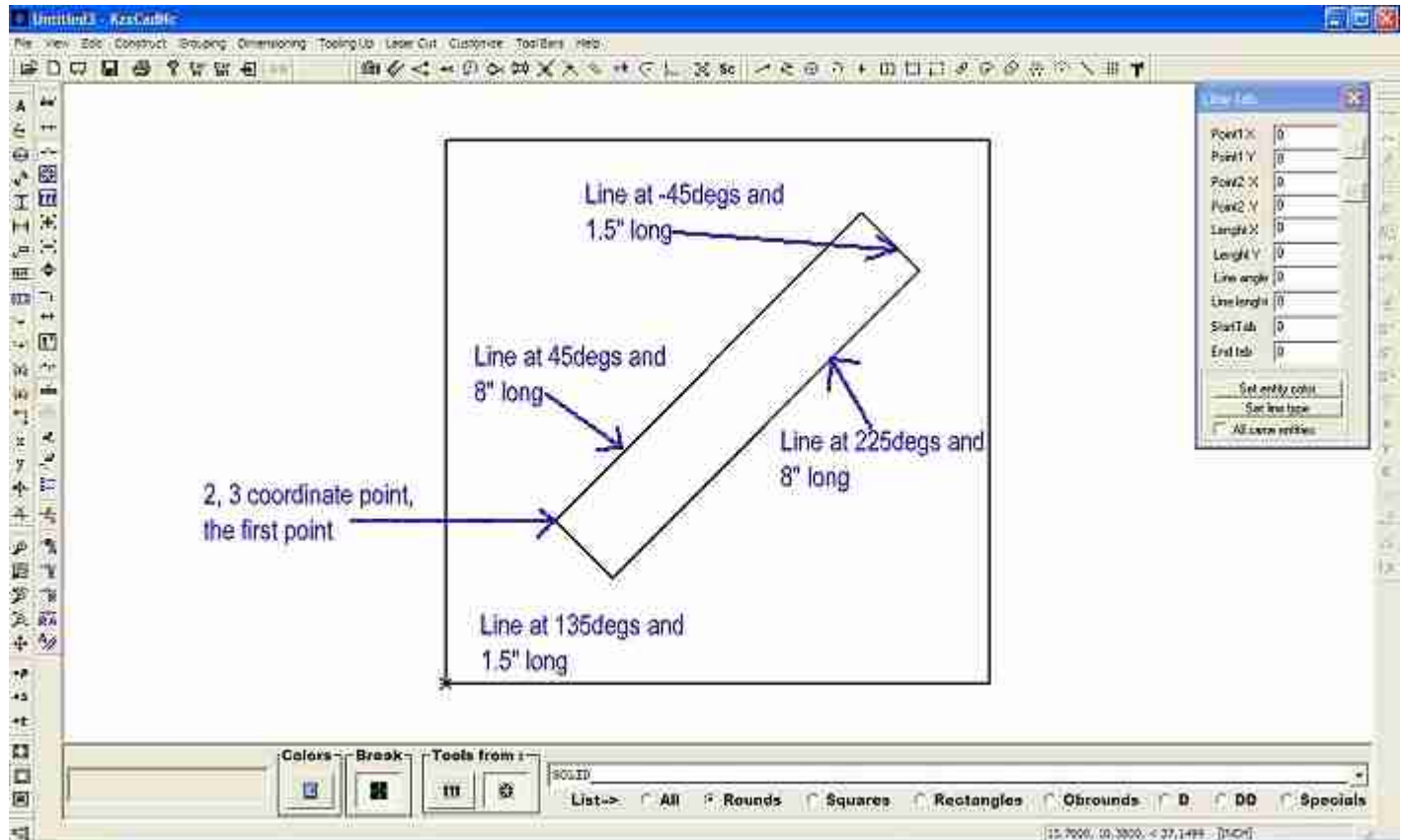
Got menu Construct-MultiLine and activate the work area clicking once then type 0, 0 and press enter for the start point of our base, now type 90 and press letter "A" (A = Angle) to lock our new line at this angle, now type 10 and press "R" (R = Radius) in your keyboard to finish our line at 90Degs and with a radius of 10". With out moving your cursor type 10, 0 and press enter for the second line on top, now type 0, -10 and press enter for our third line on the right side and finally lets draw the last bottom line by typing 180 then press "A" to lock our cursor at this angle and then type 10 and press "R" to finish our outer base in our tutorial part.

We just drew our lines in two different ways to get you to master the keyboard shortcuts. One was using the letter "A" and "R" and the other way was by typing its point coordinates. Please see image below:



Draw the inside rectangle lines

Go to menu Construct-MultiLine and click once the work area to activate it. Type 2, 3 and press enter to locate the first point of our rectangle then type 45 and press "A" in your keyboard to lock the line at 45DEG angle, now type 8 and press "R" to create our first line at 45DEGs and 8" long. Type -45 and press "A" then type 1.5 and press "R" for our second line. For the third line enter 225 and press "A" in your keyboard then type 8 and press letter "R" and finally for our last line type 135 and press "A" then type 1.5 and press "R". All is explained in the image below:



End of tutorial

You can control your drawing objects using the keyboards shortcuts as well as your mouse and snap points. Thanks!