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AutoLISP code that creates a simple square table

Here is an example AutoLISP code that creates a simple square table in AutoCAD:

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```
(defun c:table ()  
  (setq table_width 30.0) ; width of the table  
  (setq table_height 30.0) ; height of the table  
  
  ; create table top  
  (command "rectang" 0,0 (strcat (rtos table_width) "," (rtos table_height))  
  ; create legs  
  (setq leg_width 5.0) ; width of the legs  
  (setq leg_height 25.0) ; height of the legs  
  (command "rectang" 0,0 (strcat (rtos leg_width) "," (rtos leg_height))  
  (command "rectang" (strcat (rtos (+ table_width leg_width)) "," (rtos leg_height))  
  (command "rectang" (strcat 0, (rtos (+ table_height leg_height))  
  (command "rectang" (strcat (rtos (+ table_width leg_width)) "," (rtos leg_height))  
  
  (princ)  
)
```

This code defines a function called "table" that creates a table by drawing rectangles of specified dimensions using the AutoCAD "rectang" command. The dimensions of the table, including the table width and height and the leg width and height, are defined using the "setq" command.

The code first creates the table top by drawing a rectangle with the width and height specified in the "setq" command. It then creates four legs by drawing rectangles of the specified dimensions using the "rectang" command.

This is a basic example of creating a square table in AutoCAD using AutoLISP, and you can modify and expand the code to add more features, such as a table skirt, a lower shelf, or other design elements. Keep in mind that AutoLISP is a powerful programming language that can automate many tasks in AutoCAD.

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possibilities for creating custom table designs.

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