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| 1 | Write python code to remove all empty files in a given path  Hint: Check out os.path in os module and glob module |
| 2 | Create a package Shapes which contains modules Circle, Square, Triangle and Util.   * Circle module has functions to compute area and circumference of a circle given radius. * Square module has functions to compute area and perimeter of a square given side. * Triangle module has functions to compute area and perimeter of a scalene triangle given three sides. * Util module has functions to compute square of a number, square root of a number and a variable pi with value 3.14. * Circle, Square and Triangle modules must use data and functions in Util module to compute area, circumference etc.   Write client program (menu driven) which reads required input information for circle, square or triangle and make use of package Shapes to call respective functions. |
| 3 | Given a path, traverse the path and display all files and subdirectories in each level till the deepest level. Also display total number of files and subdirectories.  Hint: os.walk |

**PAP Week 4 Lab Assignments**