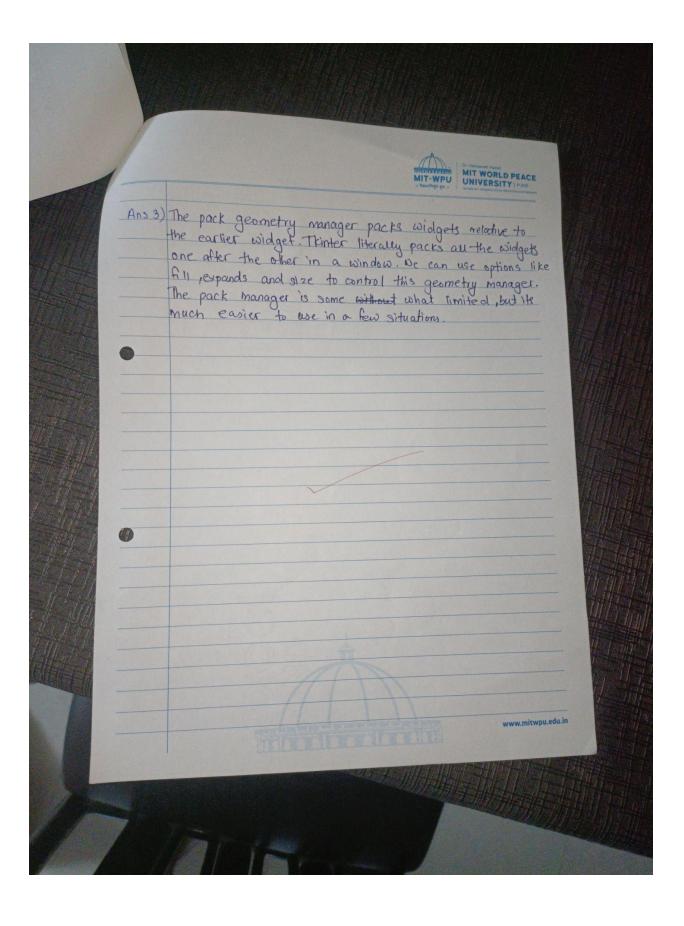
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Devanshy Surana 1032210755 MIT WORLD PEACE PC-12 Python Programming Lab Asslagnment - 11 Problem statement: Create a program to take input of your date of output your birth and age. Aim Write a python GUI program to import thinter package and create a program to take input of your date of birth and output of your age Objectives: To learn and implement Puthon GUI using Hainter Trinfer commonly comes bundled with python, using TK and is Python's Standard GUI frame work. It is famous for its simplicity and graphical user interface. His open source and available under the python license Steps: 1) Your import the key component he the Hinter module 2) Initialize window manager with the tranter, TK() method and assign it to a variable. This method creates a blank window with close, maximize and minimize buttons. on the top as a would gul should have 3) Then as an optional step, your will rename the title of the window as you like with window title (title-of-the-window) 4) Make use of windget called abel which is used to insert some text into the window 5) Make use of Tkinters geometry management attribute called pack (). 6) Use main loop() to display the window. www.mitwpu.edu.in

MIT WORLD PEACE UNIVERSITY PUNE Widgets Button: Has a property of switching on off when a User clicks the button. Syntax: button-widget: +K. Button (widget, option = placeholder) Canvas: Your use it to draw Shapes in 601. GUI Syntax: canvas_widget = tk.canvas (widget, option = placeholder) Check button: Check button records on-off or true-false Syntax: Checkbitton-widget =-1k. Checkbetton (widget, option= placeholder) Frame = used as containers in the Hinter for grouping syntax = frame - w'idget = th. frame (widget, option = place holder) Platform: Windows | Obuntu - Python Editor (Jupyter Notebook) Conclusion: studied futhor GU wing Hinter. Ans 1) Tkinter is the standard GUI library for python Python when combined with Hinter provides a fast and easy way to create Gui application. Tkinter provides a powerful object-oriented interface to the TK GUI toolkit. Ans 2) In order to create tkinter application, we generally create an instance of Hinter frame. i.e tk(), helps display he root window and manage all other components www.mitwpu.odu.in of tkinter application



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