Opres Buiz I 1E 3035 Qui2 I April 26,2023 can Gdk 150118014 I am amore that any forms of charting in this exam will result in a 2010 grade and a disriplinary investigation. I orrest all the rules and regulations regarding online exams. I give permission for the processing of my personal data as slated in the Clarification Text provided on the faculty of Instreamy website Can Big 1) I) Type 2 x 3 labor time = Type 1 great wild west produces cowboy hats. Type requires three times labor me will nourimize pofit. time as type 2, If all time dedi let num of Type 1 produced be x cated to Type 2 alone we can let num of Type 2 produced be y produce 450 hats a day. The market limits are 100, Objective function: 300 for respectively, The profit P(profit = 8x+5y -> maximile 88 for Type 1 85 for Type 2
maximize the profit, Constraints I Suild mathmetical made of problem. adve to the labor time II. solve the problem 3x+y=450 graphically. X < 100 y=300 Y = 300 tigher count of x will for (100, 150) we adventage for 450/3 8x+5y= Profit x= 100 7x+y=450 8,100+5,150=800+750 200 ty = 450 + 750 + 750 1550 y=150