Exis Calculate the carrelation co-efficient and obtain the front representation for the following lines of regression for the following data

2: 1 2 3 4 5 6 7 8 9

4: 9 8 10 12 11 13 14 16 15

Also estimate the value of 9 culin

2 = 6:2

soln Finet of all we need to find the ca efficient of convellation. By the premions method, we can te'nd Hry = 0.95 [All of your navity this] On = Vin Zixi - Zixi rein the cover fatien to affect y and My = 1 = 1 = 5. Une this two formula to find e by _ Dyn . [We change of reals and origin] Then, the line of regression of you on in , it is being to the contract of the y - y = byx (x - x) put the values, you can find the line of teguerian Nent, it you put n = 6.2, then you can find the value of y.