2) Construct the dual of the problem Minimise Z = 3x, -212+4x3 (17)Subject to the Constraints 3x1+5x2+4x3>,7 6x, +x2+3x3 > 4 7x1-2x2-x3 6 10 $x_1 - 2x_3 + 5x_3 > 3$ 4a1 +7a2-2a3 > 2 and x1, x2 and x3 >0. As the Given problem is of Minimitation, all Constraints Should be of > type. Multiplying the third Constraint by I on both sides, we get -7×1+2×2+33 >-10. . The dual of the Ginen problem will be Marinise W=74,+44,-10/3+34,+24 SubJect to the Constraints 34,+642+743+44+45-53 54, + 42-243-244 +745<-2 44, +342-43+544-245=4 Where \$1, 42, 43, 44 and 45 >0. Here y, 42, 43, yyand y are the dual Variables in the 1st, 2nd, 3rd 4th and 5th Constraints respectively.