(b) Parally team of Regumes: 012 given , or weight voctor : 00 = [17-2,3,-4] Bias term con= 25 [Feature 2 = [10, 20, 36,40] tipiolo berype to muz priboliusto) (a) Redicted output: (10° + (-2)° + (B2 + (40° The linear reglession production formula ist y= w0+ w1x,+ w122+ w3x3+ w4x4 now multiply by 23 0.6 x30= 18.0 plugging He value in:-[0,0] N 6 0001 lon y=25+(1x10)+(-2x20)+(3x30)+(-4x40) This will give: 25+10-40-90-160 Combine tourns: 25+10=35, 35-40=-5; -5+90=85, 81-160=1-75

