For Wojak n = 20; bo = 1; b1 = 3; s = 4 tc = 2,101 - Odpowiedni kwenty? ? Nozkladu studenta o 18 dispuiale suobady. (a)  $s(b_1) = 1$ [ Bn - tc · s(bn); Bn + /c · s(bn)] [3-2,101-1;3+2,101-1][0,893; 5,101] priedział ufność ola br. (b) Slatyrighton testoure  $1 = \frac{\hat{b}_2 - 0}{s(b_1)} = \frac{3}{1} = 3$ . Pointewaz° |T| = |3| = 3 > 2, 10.1 = 7. Agd marny 95% permosi , że y zalezy od X. (c) [13, 19] = [16 - /c · s( $\hat{\mu}$ s); 16 + /c · s( $\hat{\mu}$ s)] => 2./c · s( $\hat{\mu}$ s) = 6/. 2 to slps) = 3 S(pred) = s2(hs) + s2 2,101·s(ps) = 3  $S^{2}(pred) = 2,039 + 16 = 18,039 => s(pred) = 4,244$ s(hs) ≈ 1,428, [16 - 7c · slpred); 16 + 7c · s(pred)] [16-2,101.4,247; 16+2,101.4,247] [4,044; 24,923] 

pvzedzial predgkcyjny dla 4, gdy X = 5.