We now have Splitted data into 2 halves containing 8 data points Euclidian distance = 5 (x1-x2)2 d1= 1(0-0)2 d2 = 16-35 = Gruen that K=3, we are engined to find neighbours. i.e (6,6)(6,3)(6,2) (0,0,1) Sinu o is in majority desired ofp is 0

Accoracy =
$$\frac{TP + TN}{TN + FP + FP}$$

= $\frac{0+1}{3+1+0+0} = \frac{1}{4} = 0.25$