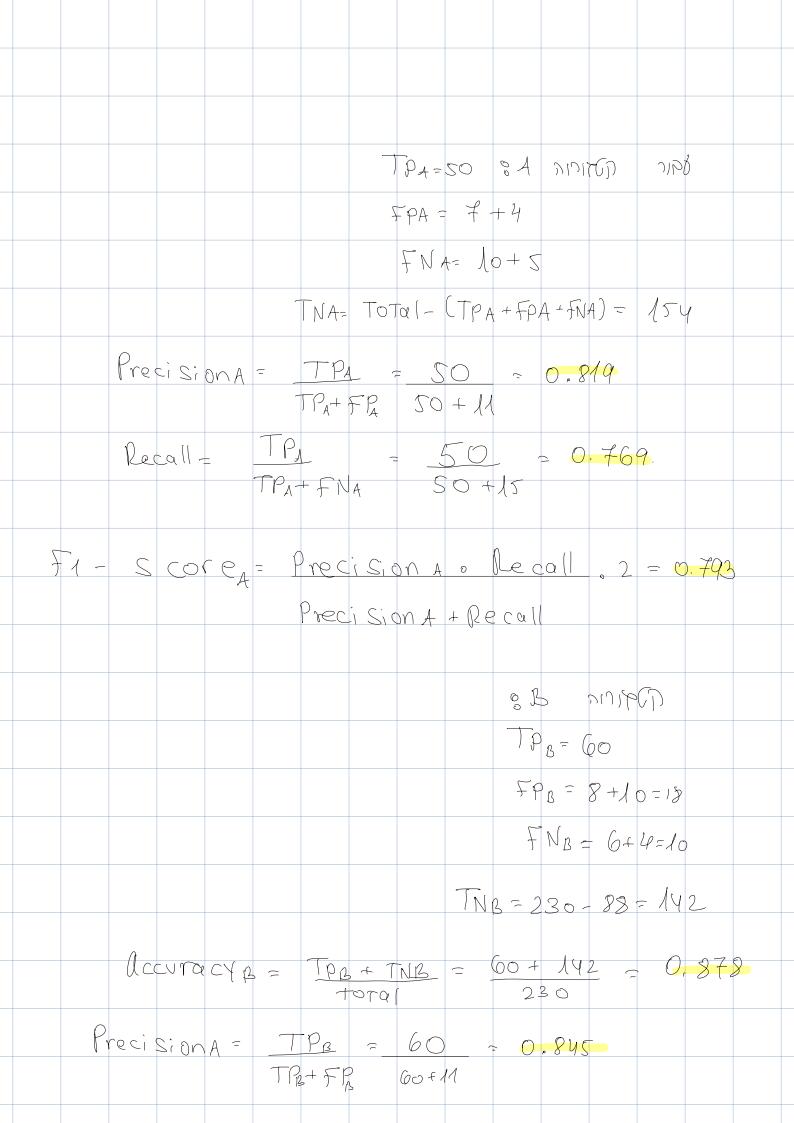


	2. Given the fol three classes (A			assification problem with	
	tillee classes (A	Predicted: A	Predicted: B	Predicted: C	
	Actual: A	50	5	10	
	Actual: B	7	60	8	
	Actual: C	4	6	80	
		ne accuracy, precision,		for each class. e F1-score for the model.	
S 0			T1)		
	e) acc	vracy:	TOTAL		
			10141		
	Preci	Sion	TP		
			TP+FP		
		T0			
	Recal	11- 1P-			
	F1 Scor	e= Preci	Sion Reca	<u>II</u> . 2	
		Preci	sion + Reca	()	
	Support	E A		FNA	
		Predicted:	A Predicte		F ol
SU PPOR	Actual:	A 50 TPA	5		FNA
	Actual:	B 7	(60 TP	g 8	TNB
Support	Actual:	C 4	6	(80) TPA	ρ
FN	Jc	FPA	FPB		
		,			
1010	1= 4 + 6) + 80 + 7	+60+8	+50 +5 +10=	230
0.5	- , C C A			7 () () () ()	
U.C.	Macy	17 I PA +	1	$\frac{0+154}{250} = 0.88$	6
		10+4		200	



accuro		TPall	= \$0+60	480 = 0.836 0
F1 Score				
TH SCORE	we gite	SEVERU	<i>F</i> C	
Weight F.	1 = Z Fi i=1	· Support		
	707	a Suppo		
Supporta.	80+2+1	0 = 6 5		
SUPPORT B:				
Support c'	4+6+80	90		
To Tal Sup	Port = S.	upport a a	- Supports +	Supportc
= 65+75	2 + 90 =	2-30		
F1 A = 0.79	13			
F1B = 0.82	(
F1C = 0,350				
71 Weight	= 0,493	. 65 + (1,821.75+	0.250-90
			130	
Frweight	- 0, 86) 4		