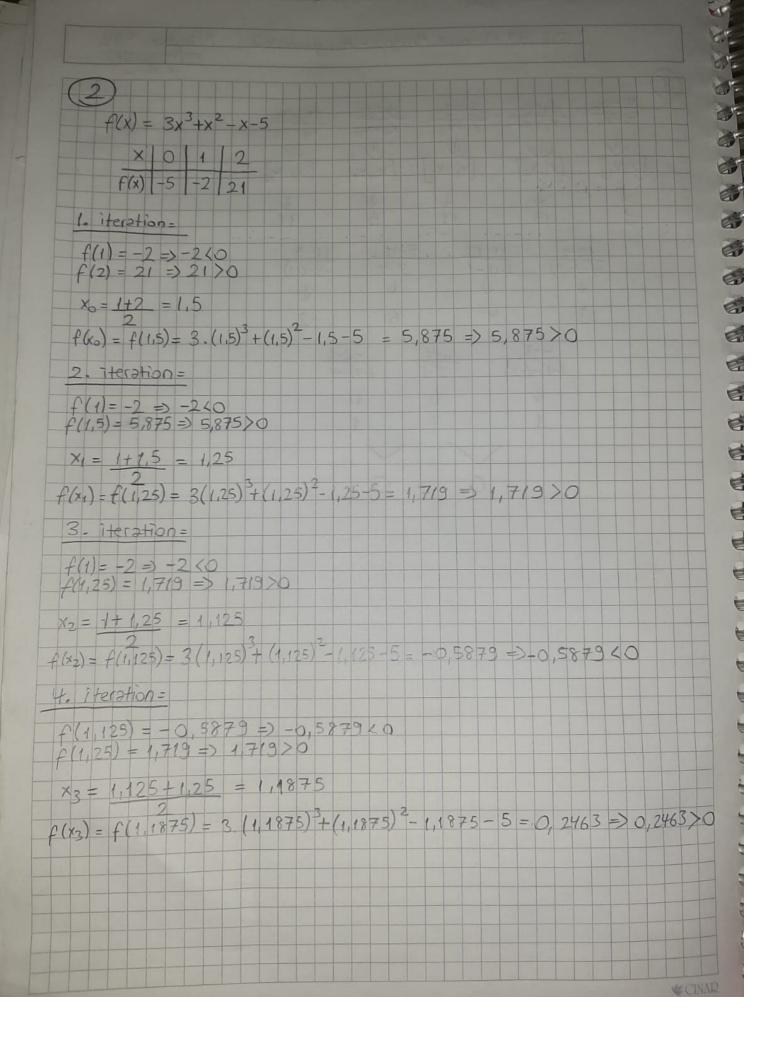
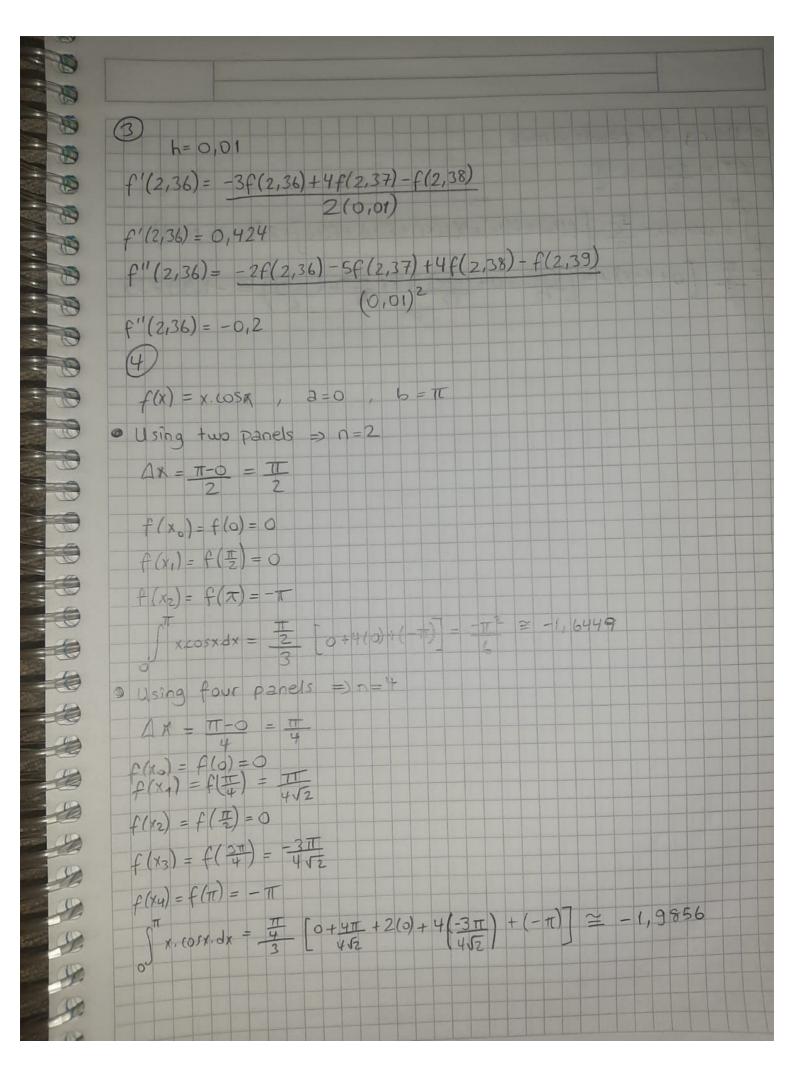
	CSE 317 N	umerical Ana	alysis - Assi	gnment#2	Nagihan BAZ 171805024
(1) \(\frac{y_1 - y_0}{x_1 - x_0} \) \(\frac{y_1 - y_0}{x_1} \) \(\frac{y_1}{y_1} - \frac{y_0}{y_0} \)	¥2-41 ×2-×1 [×1,×2]	y3-y2 ×3-×2 [×2, ×3]	[x ₃ ,x ₄]	95 - 94 ×4 - ×3 W [×4,×5]	
Y	3 4-3 (-1)-(-2)	1) -1	6 -2 (+4)	11-5 -4-(-1) -2 -6 -4	
	1		1		





· Using six panels => n=6 $\int_{x.cosx.dx} \frac{\pi}{3} \left[f(x_0) + f(x_1) + 4(f(x_1) + f(x_3) + f(x_5)) + 2(f(x_2) + f(x_4)) \right]$ $=\frac{\pi}{3}\left[0+(-\pi)+4\left[\frac{\sqrt{3}\pi}{12}+0+(-2\pi)+2\left(\frac{\pi}{6}+(-2\pi)\right)=-1,99735\right]$