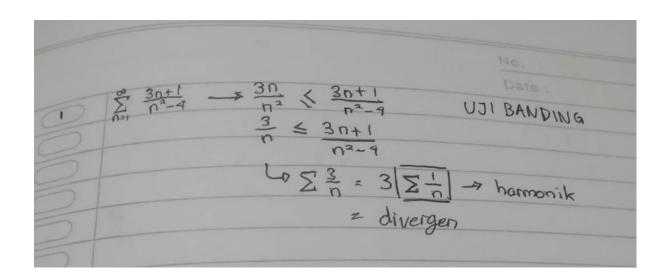
Nama anggota:

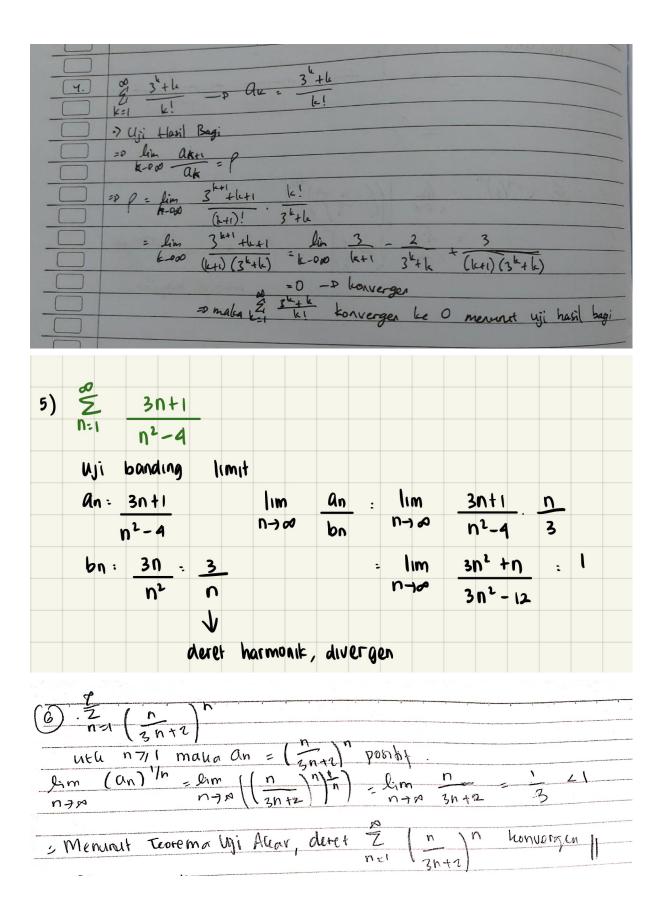
	~~	
1.	Asfiah Adiba	(G1401211004)
2.	Alfikri Ihsan	(G1401211058)
3.	Fajryanti Kusuma Wardani	(G1401211098)
4.	Jonatahan Marjono	(G1401211064)
5.	Kheni Hikmah Lestari	(G1401211029)
6.	Muhammad Hafizd Harkaputra	(G1401211099)
7.	Pratama Fajrialdy	(G1401211081)
8.	Rifqi Rustu Andana	(G1401211067)
9.	Tubagus Fadhila Hafidh	(G1401211080)



3.
$$\sum_{n=1}^{\infty} \frac{n!}{n^{100}}$$

dengen y: heard bagi

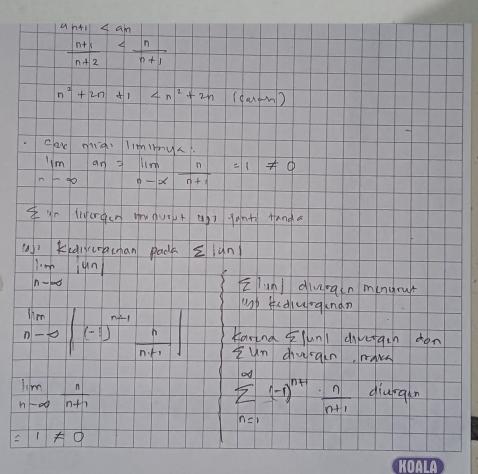
 $a_n = \frac{n!}{n^{100}}$
 $a_{n+1} = \frac{(n+1)!}{(n+1)^{100}}$
 $a_n = \frac{n}{n^{100}}$
 $a_n = \frac{n}{n^{100}}$



7.] $\frac{Z}{n=2} \left(\frac{1}{2nn}\right)^n$ # Uji akar

untuk $n \ge 2$ maka $a_n = \left(\frac{1}{2nn}\right)^n$ positif

tarena lim $(a_n)^{1/n} = \lim_{n \to \infty} ((\frac{1}{2nn})^n)^n$ $= \lim_{n \to \infty} \frac{1}{2nn} = 0 \ \text{Li}$ $= \lim_{n \to \infty} \frac{1}{2nn} = 0 \ \text{Li}$ Maka menurut uji akar deret $\frac{Z}{n=2} \left(\frac{1}{2nn}\right)^n$ konvergen //



9,	$\sum_{k=1}^{N-1} - 2i \sqrt{\frac{v_k}{V_i}}$
	2m . L .
	Un = $\sin \frac{n!}{n^2}$ \Rightarrow teiflukwasi diantara (-1,1), sehingga divergen
	Un = sin (nl) -> berelvums; diamera (0,1) sehingge officersen
	Vacena un dan Juni divergen, maka op $\frac{1}{2}$ $\sin \frac{n!}{n^2}$ divergen
	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

10.	2 (-4)
	$\frac{2}{2}\left(-\frac{4}{3}\right)^{2} = \frac{2}{2}\left(-1\right)^{2}\left(\frac{4}{3}\right)^{2} = 0$
	.) Ui Banding Mutlab
	=P lim (anti)
	-> Uji Banding Mutlab =P lim (anti) n-0 po ani
	$= P = \lim_{h \to 0} \left(\frac{y}{3} \right)^{h+1} \cdot \left(\frac{3}{3} \right)^{h}$
	n-200 (3) (4)
	= lim (4) A 4 (3) him (1) 4 n-200 (3) - 3 - (4) = 1-200 3
	n-000 (3) - 3 - (4) = n-000 3
	= 4 >1 -0 divergen
	=D maka Zi (-4/3) adalah divergen
	AZI