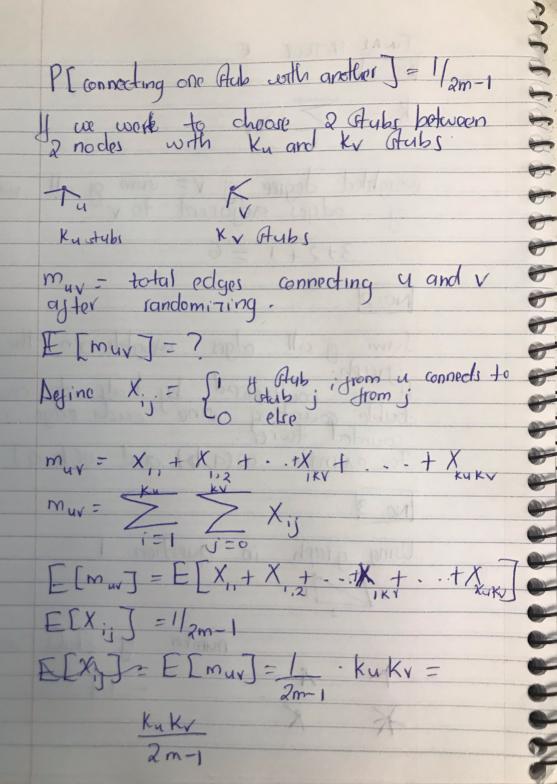
	FINAL PROJECT E
11	[NO. 1]
ina 1	
المحدو	$K_v = \sum \omega_{uv}$
1	I de la
	weighted degree of v = rum of all weights
	weighted degree of v = rum of all weights
	3+2+1=6
<u> </u>	No. 2
	No. 2
	Color of all alers will be the
	Sum of all adges weights in the
Harris I	graph. It is multiplied by half to avoid bubble counting sine each edge is counted twice.
	hulle aunting sing and to avoid
	country twice
X	For example w(a, b) and w(b, a)
	(a) (a) (a) (b) (a)
	No · 3
	Using graph in question 1
	3
	2
	number of Prulos = 2m
	d grains - art
	-14
	XX
	1 - VA NA



Modularity of compares our given notwork to a given notwork with the same weighted degrees but in which all edges are rewrited to random. Q= 1 > \(\omega_{k=1} \) \(\omega_{ij} - \k_i \k_i \) \(\omega_{m} \) This take helps us determine the Arudure of the community.

The community.

The partitioning of the modernogeneous the partitioning of the modernogeneous the moderno modularity of above or has been ratified to that -1 /2 of 21 This mouns that we minimise the number of edges between communities and maximise the number of communities and community. Ck = partitioning of the nodes of

