	optimal Meige Pattern - Greedy Method
7	
~ 0	given 250ckel lists combined
	ABC
-	3 to 5 3 compared one by one
~	8 & 9 5
	12 & 11 8
	20 16 11
	m n 12 time $O(m+n)$
7	16 so O(8) in this scenario
_	20
	what about more than 2 114/3?
	List - A B C D
~	size - 6 6 2 3
\sim	two way merging (2 lists at time)
	1000 Way Welding (2 [19]5 at 19]10e)
)	ABCD
× -	6 5 2 3
~	
~	total merging da
	11+13+6=40
_	(13)
	(16)
7	
	other way A B C D
~	6 5 2 3
4	
2)	(1) (5) total cost: 11+5+16=32
2	
L7	(16)
· -	
	Many possibilities A B C D 6 S Z 3
	merge pair of smallest size lists.
~	best
1	(10) at 11.16.0 - 21
)	(ch = 1/2+10+2-31

