Family	name:	Given name:
1)	Scalability Law.	wo factors that make impossible having linear scalability according to the Universal
	2:	
2)	(30%) Which is th	e main difference between the hash functions used in the linear hash and consistent hash
3)	_	elow, "Convert to currency of company's headquarters location" is a business value adding request to Finance & Accounting module" is a non-value adding (NVA) task; and all the alue adding.
	Antice & Accounting module module module specific module received  Sales  Sales  Sales	Send request to Finance & Accounting module  Warketing segmentation  Warketing segmentation  Send request to Finance & Accounting module  Warketing segmentation  Send request to Finance & Accounting module  Fredict effect on product sales  using machine learning agrorums  agreements  With worst sales  Finance & Accounting module  Convert to currency of the accounting module  Convert to c
	a. (20%) Co tasks 1 m	nsidering that each task takes one second, collapsed sub-processes 10 seconds, manual inute and all the branches in a choice have the same probability, give the cycle time of the flow.
	b. (20%) Саг	n we replace the two lanes of the diagram with two pools, if all the other elements of the remain exactly the same? Briefly explain why.