	Ecca 302 Assignment 3 Joshua Berkell
	Concurrent operation allowing processing of multiple instructions to and unrolling of the loop Use that it runs in less clock eyoles Reconfigurable Easy to remotely up, versatile in application
2	high great 110 - allows fast data collection and output coperially Rf signals FPAA is reconfigurable and has a fast development time it is also chapter to produce and FPAA Asias are special propor and can fate many months to develop. These are doo very cootly in the low of PPAA Asias tend to be faster and power efficient due to hear our heart.
3	key advantage to development speed, much fester to do. ORTL and RTL sims take much longer to develop and run than a language like C and HLS gives you the Flanbity to quality wherete auto prove terrehandly are then optimise later
1	Test beach is made by calling the function and providing fest deta and comparing to a the expectant output. To this can then be used as an RTL test. To Misses out on the firming in the RTL test and a
	Anything that involves a loop such as convolution filters son

6	to count & only to RTI you find ork only the
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	astrol State mento such as functions and loops and south
	segueto in hunchos
	represent it as a state machane.
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	the detapath is then extracted which contains all ! the read, write and operations that will be performed on variables
	read, write and operations that will be performed on
	the special sp
	variables.
	the is the school of with the sale of the
	This is the security with the signer clock to second
	When the operations should accure and how many per 1
	clark early this is also a los us of the extent
	this is then scheduled with the system clock to determine when the operations should accure and how many per a clock eggle This is close melong we at the extracted control of low and dute path.
	control of on and dute peth
	findly describe on how it was soluted the builders
	10 1
	Cyl decide whether to use reporte comparents to policin
	the required greations, these decisions are made to
ri,-waran	firely, depending on how it was scheduled the birding process Cyll clicide whether he we repeate components to pathern the required specations these clicinous are made by the I dependences of operation and whether these some specations are required at the section sane transfer
	The superior of the superior superior superior
	greations are required at the surface sand the time
The angle of the control of the cont	