

ProjectX - INTERNAL ASSESSMENT

Title of the ProjectX: Implementation of digital frequency dividers

School writing: University of Pitesti

School testing : Lycée Isaac Newton

A. PRESENTATION

	Opinion (thick)		Proposal / Comment
Student (electronic Teacher)		x	Very clear
			
Teacher (yannick)		x	Very clear , interesting and exhaustive description of the projectX
			

B. THEORETICAL KNOWLEDGE

	OBJECTIVE			REFERENCE		
Student		x	clear		x	Seems to be interesting
						
Teacher		x	clear			Maybe don't give the link in the objectives but only in the activities part because the student was lost with all that links
					x	

ACTIVITIES

	ACTIVITY			REFERENCE		
Student		x	No problem to follow the lesson and the test really corresponding with the theoretical knowledge			Very good resources with short tests included . Have a look on data sheet with price is still interesting . Annexe 2 is missing for the exercise. Annexe 4 is missing for the test
					x	
Teacher		x	Great		x	Great I'm not sure that the book is very usefull and add a task. The theoretical is long enough. The student shall have strong basis in electronics. And be very autonomous.
						

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C. PRACTICE – PRATICAL DETAILS

Brief description of the practice

	Opinion (thick)		Proposal / Comment
Student		x	Very clear but he student seems to have strong prerequisites in electronics. (use of Ic's , breadboard , datasheet , measurement devices ...)
			
Teacher		x	very complete with several kind of activities : simulation mode , breadboard wiring
			

Practical activities

STEP 1	Opinion (thick)		Proposal / Comment
Student		?	Cannot do it without TINA software (annexe 4 helps with that software only)
		?	
Teacher		?	Maybe the software could be free Or we can use another like : NI – multisim (NI- Elvis with breadbord and instruments) Isis Proteus
		?	

STEP 2	Opinion (thick)		Proposal / Comment
Student		x	The method to implement and wire the component is logic and progressive Very good sequence I did only one experiment out of five
			
Teacher		x	Moore instead of more Test with he oscilloscope is the last task of step 2 (see step 3)
			



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STEP 3	Opinion (thick)		Proposal / Comment
Student		x	Make a fusion with step 2
			
Teacher		x	Make a fusion with step 2
			

STEP 4	Opinion (thick)		Proposal / Comment
Student		?	We don't have the material anymore
		?	
Teacher		?	Same for software
		?	

STEP 5	Opinion (thick)		Proposal / Comment
Student		?	We don't have the material anymore
		?	
Teacher		?	Same for software
		?	

General commentary

Student & teacher

Problem with annexes :

Annexe 5 IC implementation RAR is name annexe 2 after unzip

Annexe6 FGPA implementation RAR is name annexe 4 after unzip

Maybe that projectX could be separate in 2 projectX : one for "basic" electronic with simulation mode and testing the real Ic's on breadboard with classic materials (power supply , signal generator, oscilloscope etc ...)

One for FGPA

I'm a little bit afraid with all the resources on the internet . What happen if no connection or if the references disappear ?

