Hybrid systems PDEEC 2009-10

Reading assignment – quiz #1

1)		nals and systems What is the definition of a signal?
	b)	What is the definition of a system?
	c)	Give a mathematical example of a signal x in the following signal space [Naturals \rightarrow EnglishWords]
2)		fining signals and systems What is the difference between the imperative and declarative descriptions of a system?
3)		te machines What is the formal model of a state machine?
	b)	Why is there a need for absent?
	c)	What are the types of state machines? And why are those different?
	d)	Define simulation and bi-simulation relations between state machines.
	e)	Why are these relations important?