Pipeline

Take care of the order of the instructions

IF	ID	EX	MEM	WB				
i	IF	ID	EX	MEM	WB			
<i>t</i>		IF	ID	EX	MEM	WB		
			IF	ID	EX	MEM	WB	
				IF	ID	EX	MEM	WB

Many cores

Efficient parallelism is complicated





Different architecture and way of programming than CPUs



