	Soishmi Ranesh Kuman
	CCCTU2 A 17
	CSCI113-Assignment 7
a)	Add instruction: (3 ns) > (3ns)
	4 6ns + 4ns + 5ns + 4ns = 19ns
b)	lu inshulton: (3ms) - (3ms)
	4 6 ms + 4 ms + 5 ms + 6 ms + 4 ms = 25 ms **
C	Sw inchnition: (3ms) -> (3ms) La Gus + 4ms + 5ms + 6ms = 21ms,
	Ly Gust Yust Sust Gus = 21 ms, x
d	Leg inshulters: (3ms) -> (3ms) Lo bus + 4ms+ 5ms + 3ms = 18ms #
	Lo Gust Gust Sus + Bus = 18 ms #
9	The system clock gycle time would be 25ms as it is the highest. The instruction with the highest clock agate time is the by instruction.
	11) I I will be the first warmen
	j (jump) includion; (3ms) -> (3ms) 6 hrs -> 6 hrs is the longest path time because it powers through the
17	Grap monuna, (sms)
	inshuhar memory which is bus.
	Instruction memory which is ous.
19.	

	A
(2)	
9	The system clock uple time is the highest time and in this case it would be the lu instruction. The clock cycle time given out by the instruction is 21 ms.
6)	add inshuction: > 6 ns + 4ns + 5ns + 4ns = 19ns of
	In instruction: > 6ms + 4ms + 5ms + 6ms = 21ms
	Su inshudiun: > Ens + Yns + 5 us = 15 us
	beg inshulian: > Gus + 4ms + 4ms = 14ms of
	j (juap) inshulian: > 6ms

