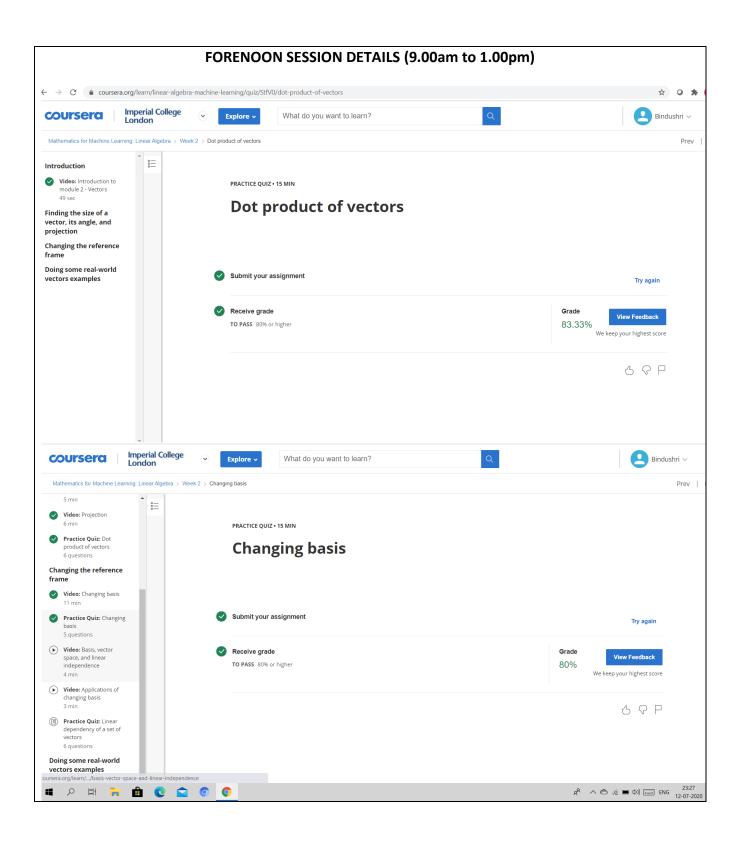
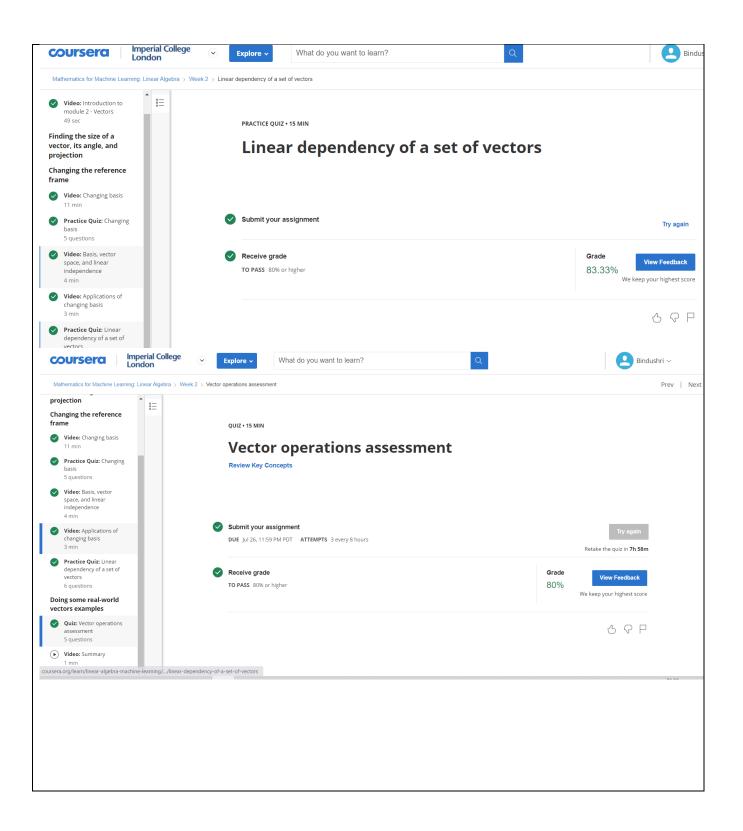
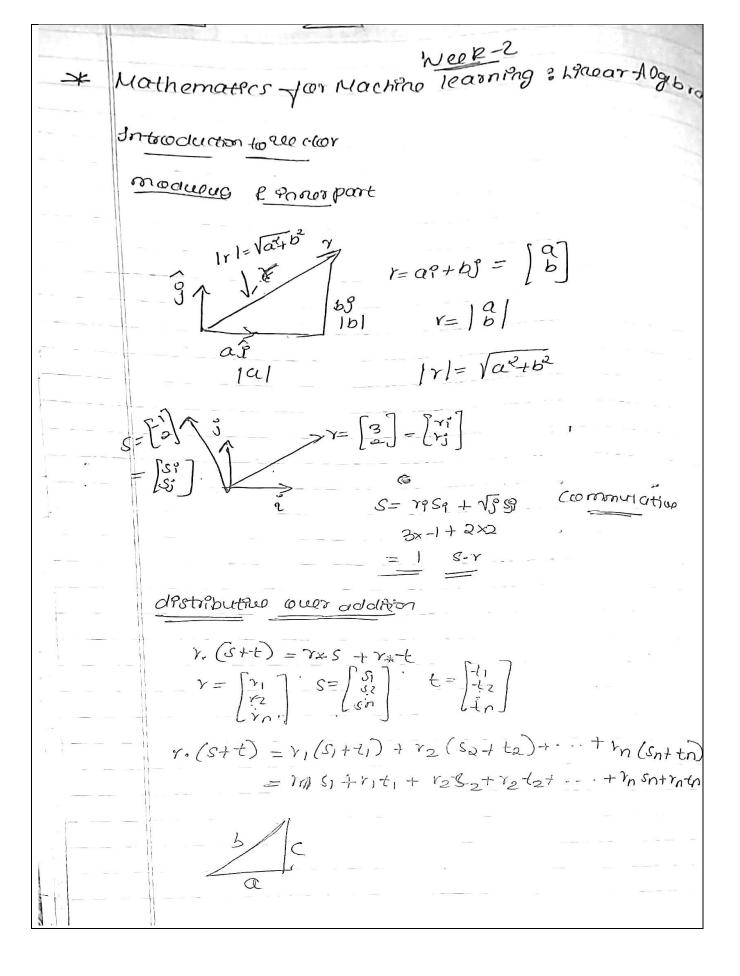
DAILY ASSESSMENT FORMAT

Date:	13-07-2020	Name:	BINDUSHRI
Course:	Mathematics for machine learning:linear algebra (coursera)	USN:	4AL17EC011
Topic:	Week-2	Semester & Section:	6 th sem&Asec
Github repository	Bindushri		



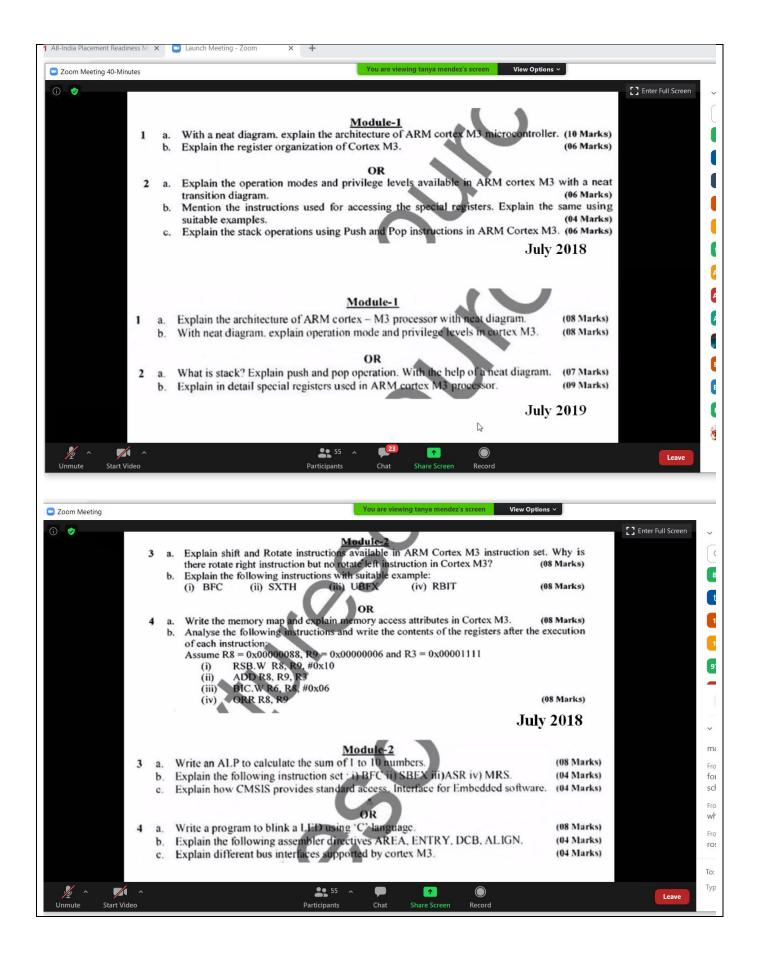




DAILY ASSESSMENT FORMAT

Date:	13-07-2020	Name:	BINDUSHRI
Course:	AMES	USN:	4AL17EC011
Topic:	revision	Semester	6 th Asec
		& Section:	

AFTERNOON SESSION DETAILS(2.00pm to 5.00pm)	
	ļ



	/ (Eschella)
	-B-Revision module-1
-7	ARM cortex M3- architecture
J	
	memory protection unit > 48 optional.
	NOVIC > 8t has
1	ROto RIQ:- Generoas purpose legrator.
	Ris: Stack pointers.
	MSP > man stack pointer. (default).
<u>(8)</u>	Register corganisation
	TRO
	[RI]
	R_2
	R3
	Ry
	R5
	R6
	R7
	R8
	la
	Rio
	RII
	ℓ_{12}
	RB(MSP) RB(PSP)
	O. PIB (PSP)
	Ry R15
	~15

classmate Date
Page
1. Næsted Porterupt Support. 2. water porterupt Support 3. Dynamer previety change support 4. Reduction of Porterupt latency 5. Interupt masking
4) Stack Push and POP Stack Push.
Ro px Push 1 stack 9s docremented by 4 then 94 95 stared.
PSR. 3) Application of ARM. (ottexm3 (offp):(ation)
— Used in Road termo Application — Data communication system — Industrial control. Application
E) Thumbel (short note).
module-2
Problem (9) RSB. W R8, R9, ≠+0×10
RSB.W Rd, en, # gonmod Page Rd = # ?modiate - Ro
Powerse Subtrace

- ARM cortex m3 has also howing special begrover. I. PSRS 2. PRIMASK CANTIMASK BASEFE! 3. (ONOTROL. NOAMO ENOCHORD PROGRAM STATUS ENGISTERS (TITE) [XBR] Program status Engrishers. [FENING] Indervior Mask. [FAUTION STATUS Legisler! - Status Program (Control Control Regisler. [Control Control Regisler! - Status Dotts J. BASEPI. 3. Explain Charation made & Previolage mode and of context m3. - has turn modes & turn privilege lovels - Thread Hausterd. Model. Model. Model. Model. Previolage Pr	Page Page
I. PSPS Q. PPINASK, CAUTMASK, BASEPPI 3. (ONTROL. NOAMO GLINCHIONE [XPS.P] PROGROW STATUS ROPESPERS. [PRIMASE] [FAUTHASE] [FAUTHASE] [FAUTHASE] [BASEPPI] [CONTROL] (CONTROL] (CONTROL) (CONTROL] (CONTROL] (CONTROL) (
Name Functions Name Program status logisters	PRIMASK, CAUTMASK, BASEPRI
J bit sot 1 explain coporation mode & preveleged level of contex m3 has two modes & two privilege levels -thread rander. Mode. How peland exception Exit previous previous previous Exception (Previous Harder) previous Exception (Previous Exception)	PENAR PRIMAR POPSHEY . Special Regrister . Special Regrister .
Of contex m3. -> has -two oncodes i-two privilege lovels. -thread randers. mode. Mode. How peland exception Exit Previous (previous Andread) Exception Exception	of bother set to a proclage made and
Thread Hauderl. mode. Mode. Haar pelant exception Exit Exteption Hander Preciplage Thread Exception Exception	
Prewplage Prewplage Prewplage Prewplage Rushin Exception	Tread Haudert.
Exception Exception	pelasot exception Exit Exception (Preciliago Handon)
Pragram ((Exception Exception
Control Throad	Tay 1
NOVIC -> features.	OVIC > features.
- coasely (coupled to me processor (are	recely (coupled to -me processor (arp