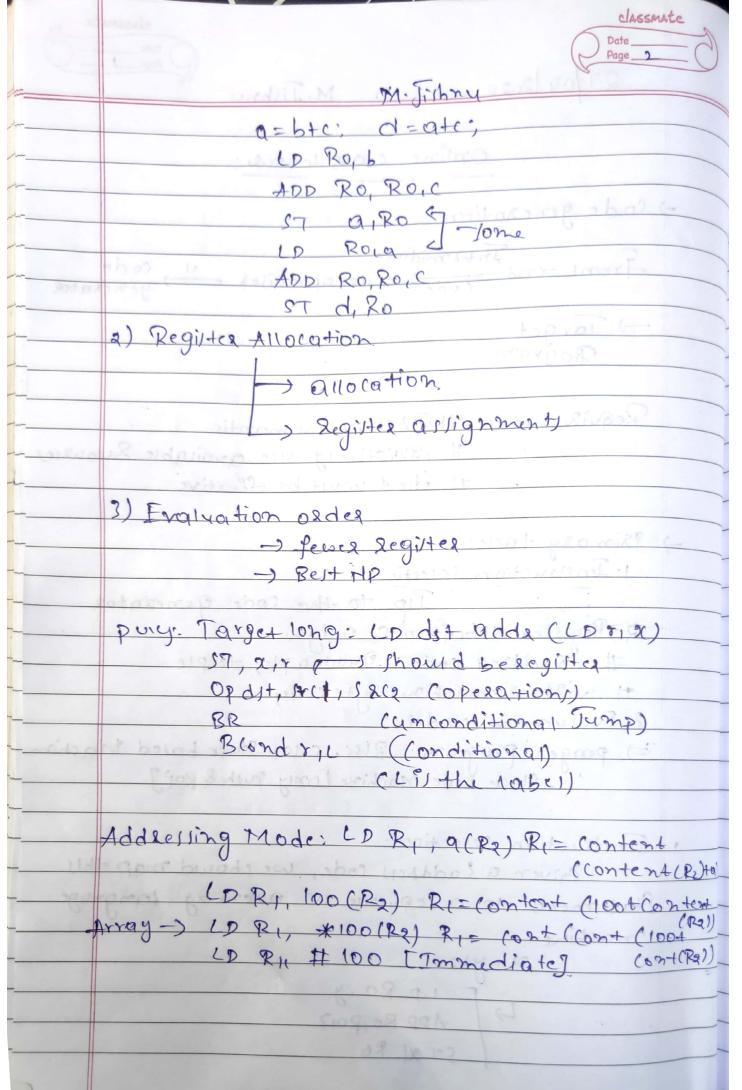
	97/01.19 Date
	27/04/2020 M. Jishnu
	Online class tectule.
	code generation
	Trant rend midiate
	Front-end code code optimiser u, code generator
/	-) Target contorally eships ?
/	Program
	DILOCATION.
	Réquise ments: # Preserve semantic
	# effictively use available Susualles
	# itself must be effective
	- Blentyntin osdes
	+ Rimary tarks 120 Miss and C.
	1. Instruction Selection
	Isp to the code generator
	2. Registes Allocation & asign
	# 3 address code: Quadraple, triple
	# vistual machines byte code
	2. Evaluation as del
	= Darger Program: Risc, cisc, Stack based Machine
	State have Machine Conry Puh & port
1.	Finitauction selection:
	aller (ade we) node
	Statements to a sequence of avemby language
	On a second
	machine De= y+2
	FID ROLY
1	L) ADD ROLROIZ
+	L) ADD ROLPOIZ STXI RO
1	The state of the s



classmate M. Juhan 21-y-2 LDRHY b=acij LDRi, LDR2,2 MULR, R1,8 SUR RI, RI, RZ LDRZ, Q(RI) ST XIR, STBIRZ a Cij=c LD Rij MUL RI, RIS 1-901, 0010600 R2, Cm ST Q (RI) (R2 X= *P LD RIP *P=y: LD RIP LD R2, O(R1)

LD R2, J

ST X1 R2

ST O(R1), R2 If acy goto Low Larrens resit DIN [cal culate the cost? LD RIIX of instruction LD R2, y SuB R, IR2, R2 BLTZ RILI 1) x = a[i] 2) y = *a y=b[i] a=a+4 7 = 2*y *P= y P=P+4 4 by te) LD RI, i MUL, FIIR, 14 MULRO a (RI), b(RI) ST ZIR2

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