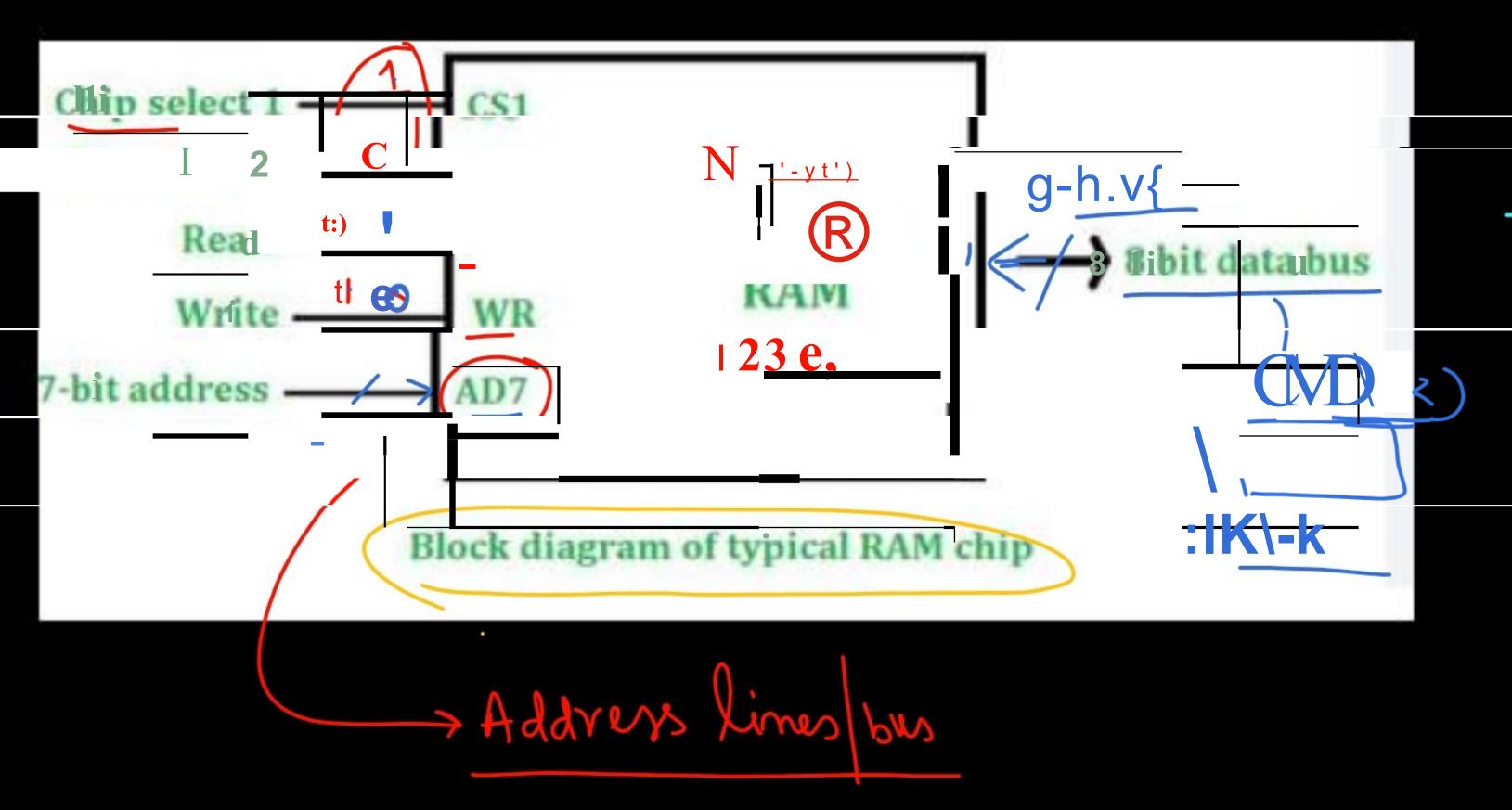






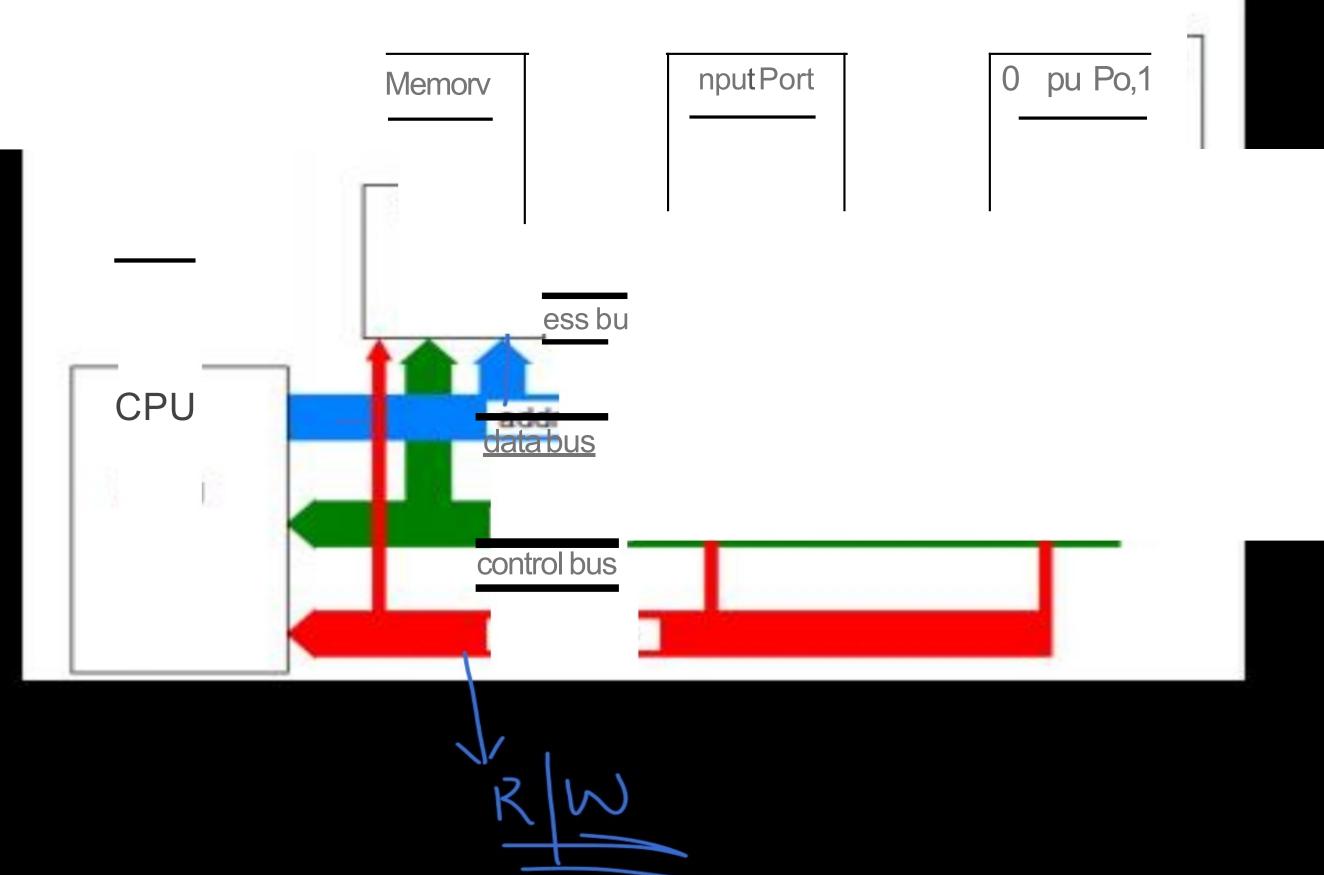


1.Problem Solvings

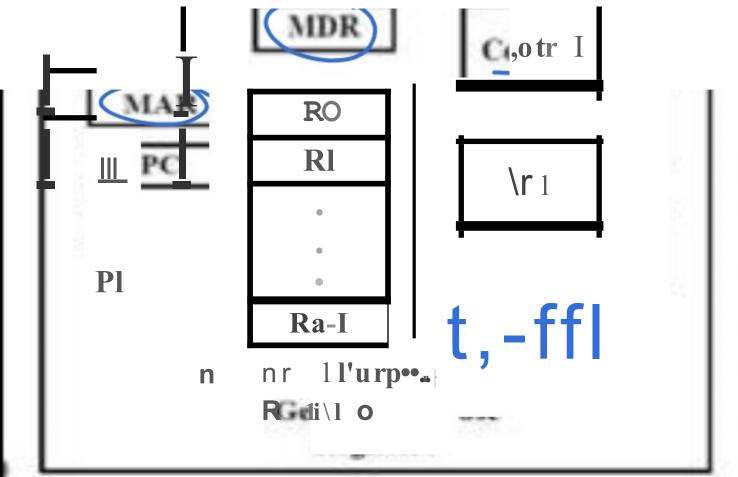




Session-II_ 26/11/2022







Loading: [trefers, Coading of ene from wish to Memory] Rog-Size: (60 KB) (lokes)

(ske)

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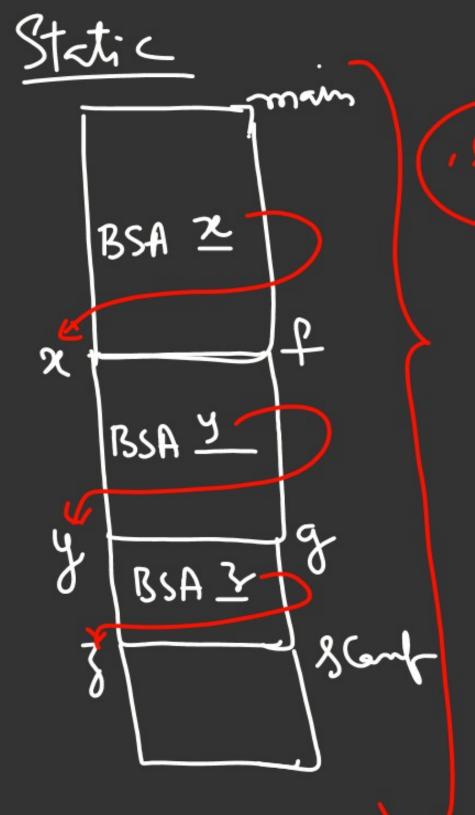
(score)

(sco

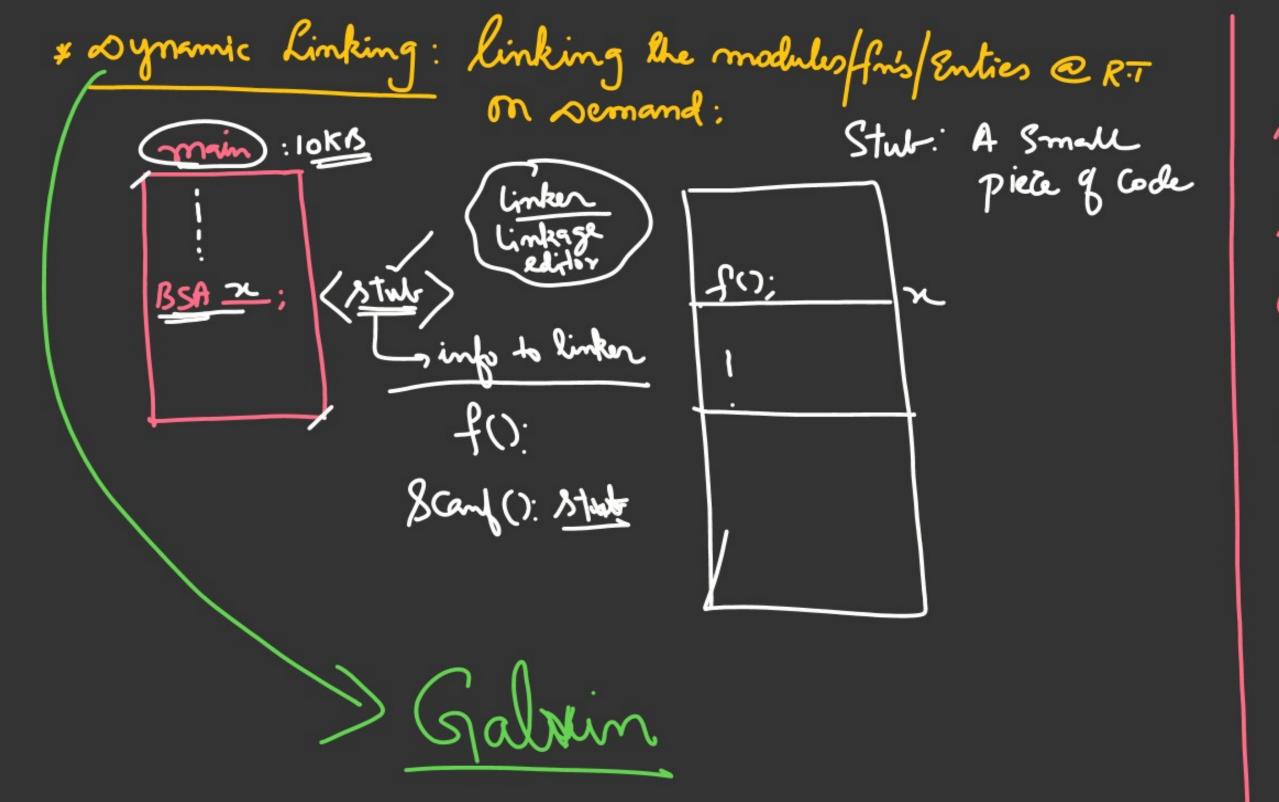
Dynamic Loading: Loading the Modules Segments Je the Program on semand Static us Dynamic Strace +> Inepp Efficient Time +> efficient Inexpirient

Linking: Resduing (Finding Addresses) the enternal Reps - Hinclude (station) used in the Program BSA: Branch & Jave Albers Function main () Sconf (·); B5A

Cinking Static Dynamic



ene Ineprise



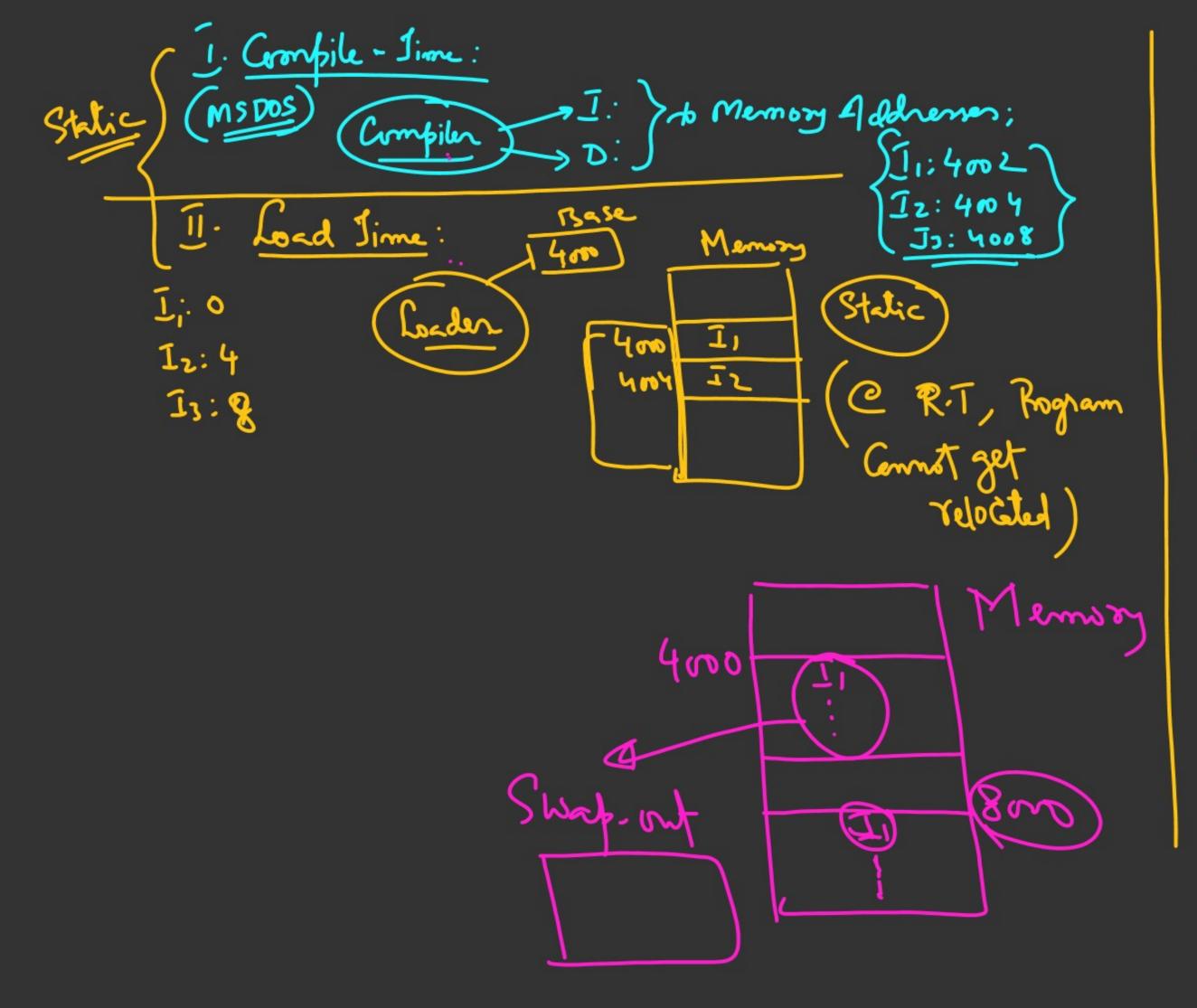
Suc	h Li	brav	vies 1	that	are	_
					Calim	
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0			<u> </u>			
					aries	
		DLI	-)			

Advantages: 1) Space efficiency 2) Reusability (Shared Library) 3) Fleribility

Change the Impli

```
Dramback:
 1) Time inefficient
 2) Less Serure:
  Recourse the Path to the module is not known
     until Run Time
           1 Klassers J. Tipssers J. S.
```

Association of Program Instris & Water units to Memory Locations/Address Address Binding: (RILT) is known as Address Binding (AB) Jime @ mt (a=1, b=2, c; Ji: Losd RI, a; Iz: Load Rz, b; Binding J3: Add R1, R2; Iy: Store C, R, 100 iii) Run Time



3) Dynamic R.T Address Roinding Prog. Instris/Data units Can get their addresses Changed during R.T. Dynamic Relocation)

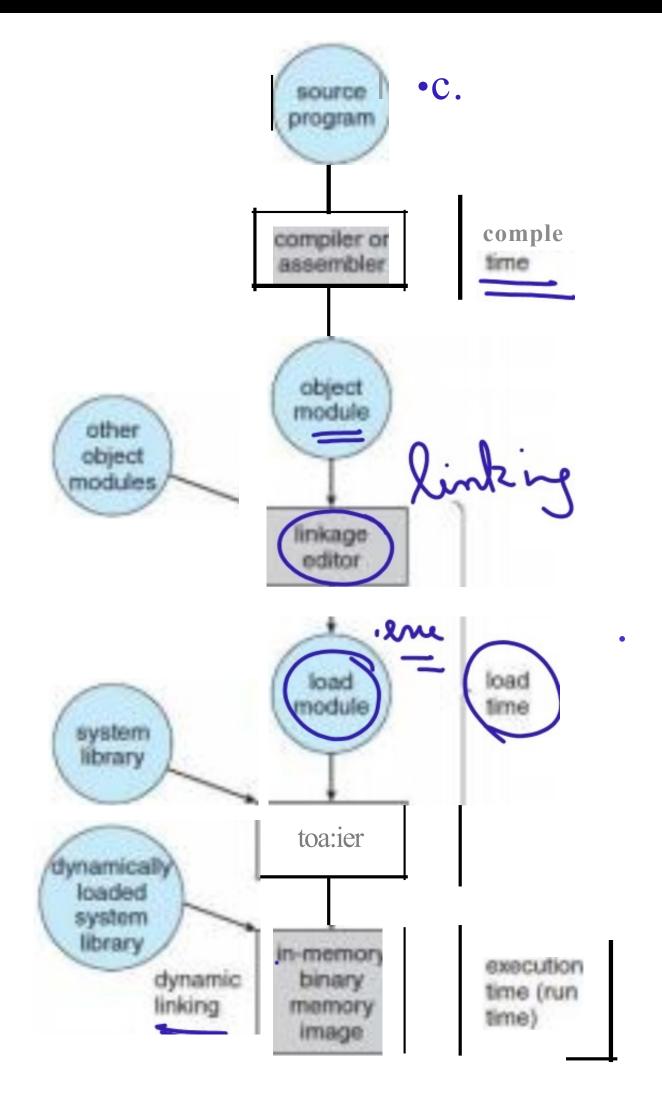


Fig ure 8.3 Multistep processing of a user program.

