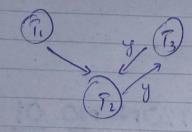
100 BONUS ASSIGNMENT
Bilal Ahmed Khon; 20K0183
Sec:B;
QUESTION NO OI
Schedule S.
\overline{r}_3 \overline{r}_2
- Pi reads a which reither modified
3 72 roads y & writer y after T3
Hence ve con conclude that the schedule is reliable.

Schedule 32:



-> 72 reads by 73 modified by 73

-> 75 reads y which is modified Before 72 modifies it.

To is interfering with the schedule of I thus we can conclude that the schedule 82 is not reliable.

QUESTION NO.02

 $\Rightarrow \mathcal{T}_1 \rightarrow \mathcal{T}_1 (n), \, \omega_1(n), \, \mathcal{T}_2(y), \, \omega_1(n)$ $\Rightarrow \mathcal{T}_2 \rightarrow \mathcal{T}_2(n), \, \omega_2(n)$

Total, (n, +m) / (ni + ni)

Transactions

7, (π), ω, (π), γ, (γ), πω, (γ), γ, (π), ω, (π) serial socialize

γ, (π), ω, (π), γ, (π), ω, (π), γ, (γ), ω, (γ) conflict socializable

γ, (π), ω, (π), γ, (π), γ, (γ), ω, (γ), γ, (π) conflict socializable

γ, (π), ω, (π), γ, (π), γ, (γ), ω, (γ) conflict socializable

γ, (π), ω, (π), γ, (π), γ, (γ), ω, (γ) conflict socializable

γ, (π), ω, (π), γ, (π), ω, (π), ω, (γ) conflict socializable

γ, (π), ω, (π), γ, (π), γ, (γ), ω, (γ) conflict socializable

γ, (π), ω, (π), γ, (π), γ, (γ), ω, (γ) conflict socializable

Y, (x), Y, (x), w, (x), w, (y), w, (y) not conflict serializable

Y, (x), Y, (x), w, (x), w, (y), w, (y), w, (y) not conflict serializable

Y, (x), Y, (x), w, (x), w, (x), y, (y), w, (y) not conflict serializable

Y, (x), Y, (x), w, (x), y, (y), w, (x), w, (y) not conflict serializable

Y, (x), Y, (x), w, (x), y, (y), w, (y) not conflict serializable

Y, (x), Y, (x), w, (x), y, (y), w, (y) not conflict

Y, (x), Y, (x), w, (x), Y, (y), w, (y) not conflict

Serializable

Y, (x), Y, (x), w, (x), Y, (y), w, (y), w, (y) not conflict

Serializable