

## Assignment No: 9

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- write a short Note on Input / butput system.
- 1. It manages input output data within System:
  - 2. It evolves communication between cru and memory.
  - 3. It also perform IPC in between peripherals devices assigned with computers.
  - 4. The Ilo organisation is critical for overall performance and effectioncy of computer system.
  - 5. It also involves specific data transmission, excor checking and converting data formats

- Ele transfer a stal aspect of socient -\* Key components of Ilo oxganisation:

i) Ilo modules:

Acts as an peripheral device in between peripheral devices and cru.

a) Buses:

A bus is a Communication system that transfer data between components or between computers.

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	3) Controllers 2 Adapters:
	Manages operation of peripheral devices.
	6. It also provide compatibility and capability in
	between Standard interfaces like USB or SATA:
	- Techniques in Tlo organisation:
	A Decrease of Old Annual Cold
	1) Programmed Tlo
	2) Interupt driven Ilo  3) Direct memory access (DMA)
	S) Dieeci inervoly access Chini,
	- challenges in Ilo operations:
.11	and the companies of health of the companies of the compa
	1. Concurrency and an amount of the land
	2. Performance
	4. Security and sofety.
	4. Security and sofety. I pail avan to
	Ol- excepted conct of custom decodes to
	- 110 organisation is vital aspect of system design as its
	i) Efficiency
	a) Functionality
	3) Fundability of the state of the state of
	4) Expandability
	s) Data Transfer.
	: ! !
	7. It also manages memory System and Scalability of system
	Mark Transfer of the second
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