

Q. List and explain in detail about Transaction Processing System.

Transaction Processing System :-

Transaction Processing is a way of computing that divides work into individual, indivisible operations, called transactions.

List of Transaction Processing systems:-

- IBM Transaction Processing Facility (TPF) - 1960.
At Amity unlike most other Transaction Processing systems TPF is a dedicated operating system for Transaction Processing on IBM System z mainframes.
- IBM Information Management System (IMS) - 1966.
A Joint hierarchical database and information management system with extensive Transaction Processing capabilities. Runs on OS/360 and successors.
- IBM Customer Information Control System (CICS) - 1967.
A Transaction manager designed for rapid, high-volume online Processing.

- Tuxedo - 1980s.
Transactions for unix
- UNIVAC - Transaction Interface Package (TIP) - 1970s. A transaction Processing monitor for UNIVAC 1100/2200 Series computers.
- Digital Equipment Corporation (DEC) Message control system (MCS-10) for PDP-10 TOPS-10 systems
- Honeywell Multics Transaction Processing Feature (TP) - 1979.
- Hewlett-Packard Nonstop system - 1976.
Nonstop is an integrated hardware and software system specifically designed for transaction Processing.
- Transarc Encina - 1991.
Transarc was purchased by IBM in 1994. Encina was discontinued as a product and folded into IBM's TX series. Encina support was discontinued in 2006.