Recall Moder Ponene

$$\begin{array}{c|c}
P \to Q & Rule Chaining \\
\hline
P & Rule A \to B \\
\hline
Q & A \\
\hline
Q & B \\
\hline
R & B \to C \\
\hline
R \to S & C \\
\hline
S & D \\
\hline
\end{array}$$

Rule Based System

> A system whose knowledge base is represented as a set of order and facts is called a Rulebased system.

> A rule based eystem consists of :-

- · A collection of If .. then .. rules.
- · A collection of facts
- Therpreter / Control mechanism / Inference mechanism = controls

 the application of rules; given facts.

 (P) (P-Q)

_p → Ø

