10 10 24 Cs 339 :-Lec - 28
Cs 339 :-Lec - 28
* All pouradigms till now
# All pouradigms till now  (1) functional (3) Stream  (3) Object oriented (4) typed (imperative as a subsect)
typed typed
(3) Object oriented
a subject
* Operationals By now what all operations a machine can do, we compute board on what it can do.
what it can do.
* In imperative, we require to know how list implemented (annay here). If linked list used, code changes. But functional, obesent change much
used, code changes. But functional, obeint change much
-functional is close to declarative compared to imperative.
but logic is down
** Declarative way 1 more I more and Operational I more I more as we go up
in pyramid of povadigms.
* Unit of computations in  * It is uport of program translator (Interpreted)  Imperative -> Statement Compiler)
* Unit of computations in * It is work of program translator (Interpreted)
Imperative -> Statement Compiler)
400/04 -> Expressions
logic —> facts & rules
* Prolog became popular bez used in Al
<u> </u>
* SQL=(sequel) * If FOL known, easier to understand prolog.
1 10 1 10 1 10 1
* Hom clauses has a head & tail / goal & subgoal
# If you instantiate C with multiple
* Rame of throng

* Remember there are 3 terms in lambda calculus & typed lamble calculus $*$ follow $(*,y) > *$ in & y are related by a relation father
* povent (n,y):- father (n,y) if father > then present
* "(sad" used in Haskel. Similarly Consult
(Note: They didn't know .pl foreans pert also. They thought all are prolog)
If it cannot infer from existing tacks, it falls down to "FALSE"
* Mony implementations of prolog, sir use "swipl"
# consult (start) # grandparent (richard, bran) } If enter (alias br.)  true as no error true (you didn't come out) then stop.  But parent run, no stop
If; then go Surther
# porent (ned, who) "It tries to instantiate variable according to rules Copital & variable Seen in this pragram
IR conter, OK.  If ; , if this more. If ";" given continuously, finally gives FALSE
* parent (who,) * parent (whol, whod) all pairs given gives ponibilities
* Prolog = Turing complete > If some quidelines follows, all programs of Datalog & Not firing complete Datalog terminate

when consult(larger) & gives warning as larger already defined in interpreter as well \* anert > udds a fact \* edit (file) => to open file