= cast Briefly explain the difference btu physical and structural equality Implicit type convension char y=a of James in Ocam!? - Physical equality checks if there are two data int x = 10; structures that have the same pointer float 7= x+1.0; 119c is implicitly in mennony. The structural eq 12 check the fields of two values convert to float 3.14159+5) is capability type and checks if the fields are equal (int) 95.7 type conversion Physical eq. uses = ", structural uses == " in Ocamel, unification ... inference uses == in C, declare on among w structelem Name > (structural of types ->
Name checks if two thrugs have > Ontho C++, use of vintual func > Dyn typy the same name; Structural check Best describe O Caml Dyn Streetwal for the same of two structures. Estrongly name spequi Have would be similar tophysical equality and to structural equivolence, 11; 2; 3/] > an among w 3 intele 1,2 ,3 there & stanctural equality that is similar. In OCand, by is the value (content) accessed by the Top variable y Ada: Celcius (Fahrenheit: Option types programmer to specify a value valid/invalid of capability is useful because the program may have capable · C++ denotational and abstractioncode that convert svalue of integer and float from / to Fahrenheito based -T Programing language lighty ontho less ontho - F) int + int = int; int+don ble=doble · Real number type, scaln type (E) = operator to assign to references · Large number coercionss L deferences to get out the contents

LL parsen top-down - (TLR comes LLO)

Stage reads a streamed charmera

Stream of token - (Scanner)

Stage determines the meaning of a between decrease ease of use and understandability -(I) · tunctional language make extensive use of side of feets XF program, errors and de chreatint of vence Gramma am bigous, type gramme Home · Functional language manipulated Same mechanism manipulate deta Framman recursive des cont the incressed · If a grammar left-recursive - IRLAIR, · Module 2- Ada - "endmarker" SLR lambda calculus C++ Java (T) · Most functional langue do NOT · Frontem - Parser · High level intermediate form Abstuat Support (F · Onmodernmalnines, assenbly lay >compiler · Garbage collection essential BNF enable: Algol-60-50 feature - (T) · Operator precedence higher "> (F) Scanner peck (T Why does OGom! provide separate · Epsilon LRYLL E -> OCam I closes not Support implicit · Top down As a TEFINET (X) -XU cacting an ording an integer · S-attributed Synthesized, inherited > (5) with a float . Hence, there's · recordive desent incorp semantic norther · frontend GCC RTL E not automatic conversion in an · machine dependant number of neg (E) Expression where Ocame requires which is NOT regular expression generale tokens of a program, language he consistend to Do Loop in FORTRAN- Variable need Spaces. that there will be two seperate innetic operators. · LL top-down -(T)

arrived a liberation localony stated · Smartpointers > reference counts · int my and [10][10] > 100 indagers (