Saturday, 30 October 2021 11:57 AM Transition to C++ -> Bjame strougtrup, 1980s Execution environ ment Java Compile - load- Intrepret Preprocess - Compile - link - Run abc. cpp brocessor -> trepanded -> tomples -> Data types l'rariables CH4 Edring lars C+1 store stringe ASCII characters, not UNICODE characters 2 cttings com be modified. Java strings are immutable
3 ctt Substr s. substr (i, n) only concatenate strings with other strings, not articloory objects. ==, =, く=, ア=, ア, く Variables 2 constants ent n= 5; const int DAYS = 365; Point (double xval, double yval); dowler x ; double y; Point (:) Point () } x = 0, y = 0.5; Heap objects Antonatic objects Car c ("Honda") 3 Car c = new (as ("Honda"); Memory leaks Java -> garbage collector Python Arraylist J homo que os honogenons ["apple", 2, ent days []; veder < into as vector < Ent > a (100); a. puch-back(n); a. pop-back(); for (i=0; i<a. size (); i++) sum = sum + a lij; vector < Ent 7 b = a | all elements are copied] 2 d C [1]2/3/5/5 Input & output cin/cont cont << "Hello world"; cont << "The ans is ... << × 5 m"; un 72 x ; string Enput getline (cin, input); I reads an entire line of Snort Dynamic typing In dynamic typing, type checking is performed at sen trine.

a = 5

State typing.

String (G)

int (D); v=

a = "hello"

print (type (a))