Verter l'ils

Vectors à a vector lib... had to use whiteboard as A couldn't jet out g'islest & Typo" nde-

GIA à lestre was: - interface (.h files) - implementation (. (file) -> joul: build a . a los that your call can link against juit like it does aller linking with math lib!

CPSC 102 Page 1

INKLY WITH Main # indude < math, h> intestare in /usr/indvale) Cc main. (-lm) (isking with /usv/lib/lilm.a - we want to creette a Vertor, h & Vertor. C In the same spirit so that we can say comain. c - like the

Vectors

10:23 AM

What are vertors? Just reprodutor

of nontrens es. consider addition: 5+2=7

the are ID

Vertos

· (1) (5) 01234567 Wigin 5 2 we have in 2D same this but per-component

ର R = P + Q $= (P_x, N_y) + (g_{x}, g_{y})$ $= \left(p_{x} + g_{x}, p_{y} + g_{y} \right)$ = (x, y)

Friday, August 20, 2010 10:26 AM

we need a type,

typedes double vec_t [3].

Vee_t p; is the sure as double [3] p;

 $\neq P \equiv (P_{a}, I_{y}, P_{z}) = (P_{0}, P_{0}, P_{1}, P_{1})$

avay as Vertor

50, Vec_sum (Ver_ta, ver_tb, Ver_t)

for (i=0; i<3; i++)

q(i) = a(i) + 6(i);3