Quick role: contrast of C++ Functions w/ math class. hath class; double + (double);  $f: \mathbb{R} \to \mathbb{R}$ double f (double)
{
return x \* x + 1;
}  $f(x) = x_{x+1}$ double g (int, double);  $g: \mathbb{Z} \times \mathbb{R} \longrightarrow \mathbb{R}$ integers 1) Hackes answer every time! "Global variable" int 2 = 0; (defined outside all functions) int f(int x)
{ z+t;
rdarn x+z;

hight not return any value (e.g. swap (...)) void swap (int & a, int & b); (Ompile us link: main.o main() gtt -c main.cpp Swg.0 5++ - C Swap, cpp (rannable program) Remember: con use <u>nn</u> to examine object Riles void f (int x, Int x); int x );
input
output  $P: \mathbb{Z} \longrightarrow \mathbb{Z} \times \mathbb{Z}$ (in >) x)-.. usinge: int x, y, z;

f(x,y,2); // (y,2) is the output. (me sive f space to write its answer...)