program: piece of call in any larrage

O.S: Cells manc)

application: .cc file containing main()

class Particle Particle. h needer file

Particle.cc source file

double average (--); 11 declaration double x;

int count(): 11 decknation

Particle.4

class Particle {
public:

declaration

Perticle (double, vector3D); double momentum () coust; Vector3D momentum() coust;

double mass() coust {
refer --;

11 implementation

§;

Particle.cc # include "Particle.h" Particle: Particle (double E, double PE) ? 11 implementation Particle::momentum() coust } double retur o: Particle. G 900 - C Particle: CC Conticle.0 appliation.cc # include "Portide.h" #include "vector3D.cc" BAD ERROR # Include " Vector3D.h" int main() } Particle P(1.2, vector3D(1,2,3)); 3

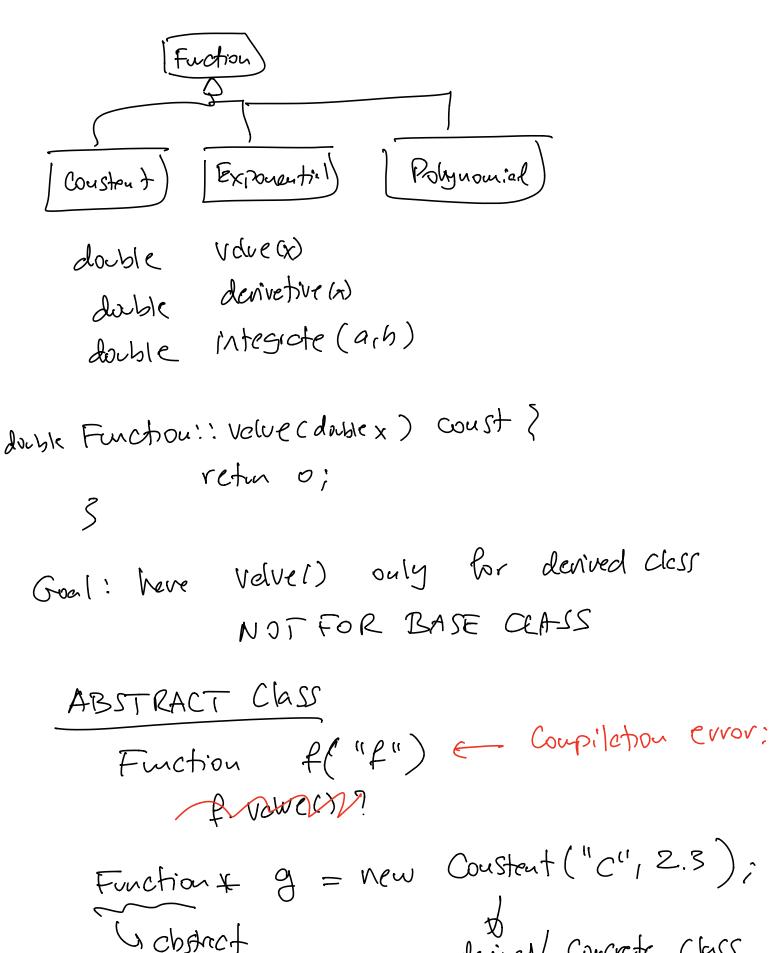
9++ -C application.cc Coupiled code Patiens) Executable: app 9++-0 app application.cc Particle.0 Lapplication.o .cc Ctr file Particle.cc) 9++ - C Particle.cc Lo Particle. o Jef. CC Boson.cc 0, Defector CC =

Detector.cc = :...

Tuteraction.cc = :...

Generalis.cc = :...

Tapplication.cc I include Particle.cc Fruclude Generators.CC int main()} cost cc "hello" cc endli cost cc " testing" cc endli (Portde. 0) app



class

Class

Class

General Concrete class

Class

O = new Garss ("gars", 0, 4.)

Class Function ?

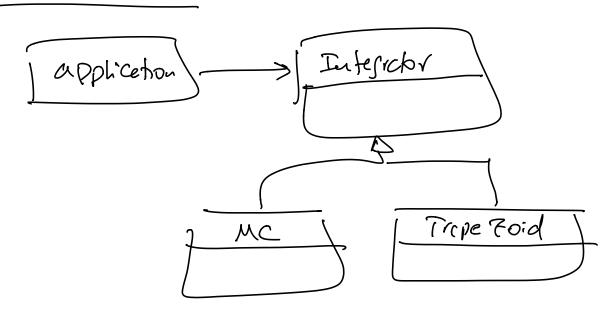
virtuel duble value (double) court = 0;

friend ostrand operator << (ostrand, Furtione) >6

ostreal operator < (Ostreamer Fuctione);

friend netwods Connot be pure virtual

Stratesy Potkern



Integrator x integ;

integ = new MCInteg (--)

integ = new Tropez Futegrobo (--)

