

you can have multiple inhertene is-a vehill in ctt. derived class from Vehicle the base class is a subcrass of vehicle, Class Parkin, Lot E Std: Vector (venic (1) ovenicus In Lot; 3 Vehicle data members____ double mass; downe mag; virtual; void movecs; function -Ekectrik Vehicu Car Truck

int num_axecs;

Venicle U1; Car c1; ElemicVehice ev; eltricCar ec;

true t;

t. num_ Arev

t.ruass;

t.more() ev.move()

int numbors;

fut numbleces;

down mp6 (doubles); premore

date mps (5 }

return 0;

Overide -> to change you desvied crass's behavior -) owny altering our base class behain. Electric Cor ec; ecompg(); -> treats ec jas-a acr, and calls car's may function overrise car's mpg function for electric car. Now Polynomhis Void Parkinglot: Add Vehicle (Vehicle conside V) // does stuff (M mpg(); 7 this might be car petending to be 11 does stuff So this cares Vehicus NO int Main() {
Porxinglot p; has Type Con but Elecacor C; V should be - Vehicle!! p. Add Venicie Quell... a car - is-a rehileso less cast. t. implicate static-cost (Vehicle) ((); 3 Dynamic Dispataces - a contine system which keeps track of the real runderly eless of an object even when casted, how do we use it! Overrior and virtual. SFINE - temperator to correctly disputan tu correctly

Public data/functions -> available only to that class on its

protected data/function -> available only to that class on its

terrind classes

Private

> only that class