

CASTING AND MEMBER VARIABLES

Locating variables inside objects

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TYPICAL UPCASTING

- void render(Shape* s) { ... }
- Circle* c = new Circle;
 - Shape* s = c;
 - render(c);









LOCATING MEMBER DATA





INHERITANCE AND MEMBER VARIABLES





ceo

name

height

weight

id

phone





Employee* ceo = new Employee(...);



INHERITANCE AND CASTING

• Person* ceo = new Employee(...);

INHERITANCE AND CASTING

• Person* ceo = new Employee(...);



INHERITANCE AND CASTING

- Person* ceo = new Employee(...);
- Employee* temp = (Employee *)ceo;

