

Defining Equals

• Suppose we want to define equals for Employee with the following meaning: two Employee objects are equal if they contain the same name and employee number

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14

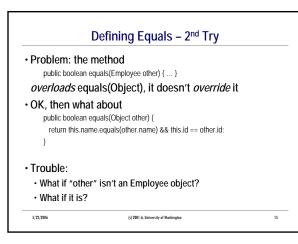
First attempt:

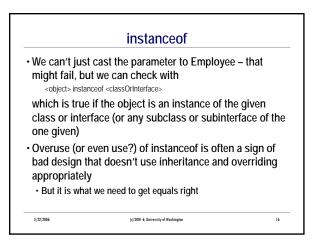
public boolean equals(Employee other) {
 return this.name.equals(other.name) && this.id == other.id;
}

Critique:

Does it capture our notion of "equals"?Does it work?

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This time for s	sure	
public boolean e	quals(Object other) {	
if (other instand	ceof Employee) {	
Employee e	= (Employee) other;	
return this.na	me.equals(e.name) && this.id == e.id;	
} else {		
return false;		
}		
}		

