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# Java Representation And Object Oriented Programming

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Inheritance

Cars and

trucks are  
both travel  
vehicles.

Traditional  
stoves and  
microwave  
ovens are  
both cooking  
appliances. To  
model these  
relationships  
in Java, we  
would first  
create  
superclasses  
for the more  
general,  
abstract  
things (travel  
vehicles and  
cooking  
appliances).Ja  
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Representatio  
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Programming  
Object-  
oriented  
programming  
(OOP) is a  
programming  
paradigm  
based on the  
concept of  
"objects",  
which can  
contain data,  
in the form of  
fields (often  
known as  
attributes or  
properties),  
and code, in  
the form of  
procedures

(often known as methods). A feature of objects is an object's procedures that can access and often modify the data fields of the object with which they are associated (objects ...Object-oriented programming - Wikipedia Limitation of Object-Oriented Representation • Since such representations rely heavily on binary relations, it is difficult to represent ternary

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 }  
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 Taras Shevchenko national University of Kyiv, Kyiv, 03680, Ukraine  
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Inheritance  
Cars and trucks are both travel vehicles. Traditional stoves and microwave ovens are both cooking appliances. To model these relationships in Java, we would first create superclasses for the more general, abstract things (travel vehicles and cooking appliances).  
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important toString() method in Java, which allows you to create a text representation of your object. Highly useful for debugging and much used in the Swing framework for ...

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This book covers Object-

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