

# Assignment #2 Luke O'Brien

Tuesday, February 4, 2020 7:12 PM

CS 1450:002

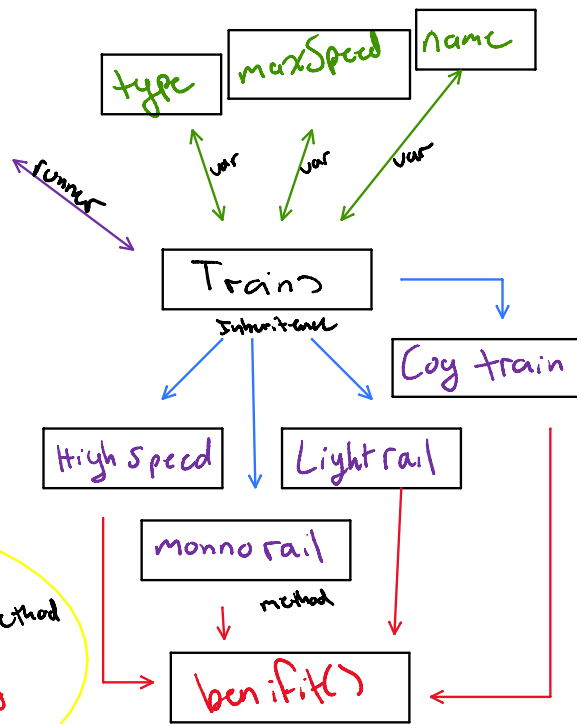
Assignment 2

Main

## Problem:

multiple different trains & their specs need to be organized & stored in class object arrays

Each Sub Class get own **benefit()** method that returns **String**



## [Assing 2

Trains  
 [type  
 maxSpeed  
 name  
 [getType  
 get MaxSpeed  
 getSpeed  
 [abstract benefit()

[HighSpeedTrain extends Trains  
 [benefit() @override

[Monorail extends Trains  
 [benefits() @override

[LightRail extends Trains  
 [benefits() @override

[CoyTrain extends Trains  
 [benefits() @override

Quick Notes: - Scanner nextLine() will not read previous next()

- to Cast String → Int use Integer.parseInt(String)

- almost forgot @Override, next time add that at the very beginning with class

## Issues:

had small issue with getting the **rest** of line in Scanner class but quickly figured it out by trying a couple of things out

(trial & Error)

## Learned:

- I had Learned & gained a better understanding of what Polymorphism is & how we can use it.
- I also learned how to better use and store data in object arrays.
- I gained a much better idea of how Scanner class works & interacts with programs