

Code Maintainability

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Due Sunday by 11:59pm **Points** 20 **Submitting** a text entry box or a website url

In this Lab, you will be exploring the problem of code maintainability by looking at commonality and variability in a problem domain with respect to time. That is, anticipation of changing requirements. Try to avoid duplicate code.

The Problem Domain is a simple one, that of a Gumball Machine. Consider the following three Gumball Machines:

[gumball-machines.png](#)

Start with the code here: <https://github.com/gopinathvinodhsjsu/cmpe202/tree/master/gumball>
(<https://github.com/gopinathvinodhsjsu/cmpe202/tree/master/gumball>)_
(<https://github.com/gopinathvinodhsjsu/cmpe202/tree/master/gumball>) and make changes to the source necessary to support instantiating Gumball Machines that can support any of the three Models in the Problem Domain.

In your **assigned personal GitHub Repo for the class(Git classroom)**, use a copy of the above source code as your first commit and then make changes and push your commits to Github before the due date.

Upload a screenshot of your output in Github. On Canvas just enter a link to your GitHub repo

