Task:

Write a simplistic eCommerce program in JavaScript (Node) that models a Product and ShoppingCart.

* Products have a name and price.
* ShoppingCarts have a list of Products.
* Products can be added to or removed from a ShoppingCart.
* A ShoppingCart must be able to provide a total price for its list of Products.

To test the program, write two tests using Mocha:

1. Create a ShoppingCart, then add 2 "Apple" Products for $4.95 each and 1 "Orange" Product for $3.99, and check that the ShoppingCart total price is correct.
2. Create a ShoppingCart and add 3 "Apple" products, then remove 1 "Apple" product, and check that total price is correct.

The program should then be able to be tested by running:

npm test

Notes:

* The code must conform to the StandardJS coding standard.
* No database, user interaction, API, or other functionality is required (so no HTML/CSS); it just needs to be JS code which runs via the CLI and passes the tests.
* There is no deadline for the submission, so take as long as you need.

How to submit:

1. Once the program and tests are complete, add the files to a tarball (.tar.gz) file
2. Upload the file to Google Drive, Dropbox, or your favourite private file sharing service; **DO NOT** publish on public services like GitHub, BitBucket, etc
3. Email us a link to the file

Please feel free to ask questions if any of the above is not clear.