Some of the obstacles I overcame: understanding cin.ignore(10000,’\n’), getting a Ubuntu partition on my desktop to compile with g++, and accessing a Linux server from the Remote Desktop Connection. For cin.ignore(10000, ‘\n’) I initially had it after the getline of the string, which led to the string taking in the newline left after the unitsSent, as an empty string, and outputting “You must enter a title.” I consulted with Professor Smallberg and had this mishap fixed after, by moving it between the taking in of the input for the unitsSent int and the title string. Getting accustomed to Linux terminal commands was another hurdle but it was manageable.

**Testing output for invalid inputs:**

Negative units (-10, Interstellar, 10.00, y) [correct]

* The number of units sent must be nonnegative.

Empty string (200, “”, 10.00, y) [correct]

* You must enter a title.

Negative base price (200, Interstellar, -5.55, y)

* The base price must be nonnegative.

Premium status char is not y or n (200, Interstellar, 10.00, ‘x’)

* You must enter y or n.

Multiple invalid inputs (-3, ‘’, -3, a)

* The number of units sent must be nonnegative.

**Testing output for valid inputs:**

*Testing for 0 unitsSent:*

(0, Interstellar, 3.14, y)

* Interstellar earned $0.00in royalties.

*Testing for 0 basePrice:*

(100, Interstellar, 0, y)

* Interstellar earned $0.00in royalties.

*Testing for unitsSent below 400:*

(300, Interstellar, 3.14, y)

* Interstellar earned $84.78in royalties.

(300, Interstellar, 3.14, n)

* Interstellar earned $84.78in royalties.

*Testing for 400 unitsSent:*

(400, Interstellar, 3.14, y)

* Interstellar earned $113.04in royalties.

(400, Interstellar, 3.14, n)

* Interstellar earned $113.04in royalties.

*Testing for unitsSent between 400 and 1200:*

(500, Interstellar, 3.14, y)

* Interstellar earned $163.28in royalties.

(500, Interstellar, 3.14, n)

* Interstellar earned $153.86in royalties.

*Testing for 1200 unitsSent:*

(1200, Interstellar, 3.14, y)

* Interstellar earned $514.96in royalties.

(1200, Interstellar, 3.14, n)

* Interstellar earned $439.60in royalties.

*Testing for unitsSent over 1200:*

(1500, Interstellar, 3.14, y)

* Interstellar earned $646.84in royalties.

(1500, Interstellar, 3.14, n)

* Interstellar earned $571.48in royalties.

**Valid checks**

(1500, “ ”, 3.14, n)

* earned $571.48in royalties.