

Assignment 2 – Integer Division, Modulus, and GitHub Exploration

Integer Division :

1. $240 / 117 =$ _____
2. $525 / 327 =$ _____
3. $234 / 23 =$ _____
4. $53 / 4 =$ _____
5. $999 / 99 =$ _____
6. $99 / 999 =$ _____
7. $12 / 102 =$ _____
8. $102 / 12 =$ _____
9. $842 / 4 =$ _____
10. $842 / 3 =$ _____

Modulus:

1. $240 \% 117 =$ _____
2. $525 \% 327 =$ _____
3. $234 \% 23 =$ _____
4. $53 \% 4 =$ _____
5. $999 \% 99 =$ _____
6. $99 \% 999 =$ _____
7. $12 \% 102 =$ _____
8. $102 \% 12 =$ _____
9. $842 \% 4 =$ _____
10. $842 \% 3 =$ _____

Given four values **x**, **y**, **z**, and **w**. The value for $z = x / y$ and the value of $w = x \% y$.

Give the value of **x** in terms of **z**, **y**, and **w**.

Give the value of **y** in terms of **z**, **x**, and **w**.

Create three Integer Division Statements and define what their Modulus is.

- | | |
|----|----|
| 1. | 1. |
| 2. | 2. |
| 3. | 3. |

Give a definition in your own words of the operator Modulus :

Give a definition in your own words of the operation Integer Division:

GitHub (Assignment)

In your own words define the following terms :

Git:

Version Control:

Push:

Pull:

Branch:

Fork:

Repository:

Project:

Click the explore tab after signing into GitHub, and look through one of the choices, write down which choice, and the link of a single repository you found interesting in this assignment. Tell me what the project does, and how you think they have created something new, modified something existing, or just done something in a different way than someone before them?