**Assignment 2**

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| **Expression** | **Data Type** of the result of the expression | **Value** of the expression |
| 1 / 2 | int | **0** (integer division, / returns the number of 2s that can be taken out of 1) |
| 1 % 2 | int | **1** (integer mod, % returns the remaining number in 1) |
| 1.0 / 2 | double | **0.5** (double division, / returns the number of 2s that can be taken out of 1) |
| 5 + 7 / 2 | int | **8** (integer division and addition, / returns the number of 2s that can be taken out of 7, + adds the two integer) |
| "Beat" + ' ' + "Army" | string | **Beat Army** (string addition, + adds two string, ' ' places a space between two string) |
| 6 + 13 / 5 - 35 % 3 | int | **6** (integer, / returns the number of 5s that can be taken out of 13, % returns the remaining number in 35 after dividing by 3, - subtracts two integer ) |
| 3.5 \* (5/4) | double | **3.5** ( integer division, 5/4 returns the number of 4s that can be taken out of 5, double multiplication, \* returns double value for multiplying with 3.5) |
| (3.5 \* 5)/4 | double | **4.375** (double multiplication, \* returns double result for multiplying with 3.5, double division, / returns the double number of 4s that can be taken out of 17.5) |