

Ethan Elders  
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Assignment 2

### 1. Combined Assignment Operators

- a.  $x = x + 6;$ 
  - i.  $x += 6$
- b.  $\text{grade} = \text{grade} - 10;$ 
  - i.  $\text{grade} -= 10;$
- c.  $\text{discount} = \text{discount} * (\text{percent} * 2);$ 
  - i.  $\text{discount} *= (\text{percent} * 2);$
- d.  $\text{loan} = \text{loan} / (\text{months} - 2500);$ 
  - i.  $\text{loan} /= (\text{months} - 2500);$
- e.  $\text{TotalGrades} = \text{TotalGrades} / \text{Students};$ 
  - i.  $\text{TotalGrades} /= \text{Students};$
- f.  $\text{money} = \text{money} \% \text{expense};$ 
  - i.  $\text{money} \% = \text{expense};$
- g.  $\text{number1} = \text{number1} * 6;$ 
  - i.  $\text{number1} *= 6;$
- h.  $\text{total} = \text{total} - (\text{number2} * 4);$ 
  - i.  $\text{total} -= (\text{number2} * 4);$

### 2. Gradebook

```
Please enter the student's name: Ethan Elders
Please enter the student's ID number (numbers only): 00099962
Please enter the scores that the student earned for assignments 1 - 3: 79 82 96
Please enter the scores that the student earned for Test 1 and 2: 88 81

*****

Welcome to Gradebook

Student Name: Ethan Elders
Student ID: 99962

      A1      A2      A3      Test 1      Test 2      Grade
*****
      79      82      96      88          81      84.97
```

a.

### 3. Pizza for dinner

```
PS C:\Users\Valued Customer\OneD
Diameter of pizza (inches): 14
Number of slices: 10.9
```

a.

#### 4. Word Game

```
Enter your name: Ethan
Enter your age: 21
Enter the name of a city: Hazel Green
Enter the name of a college: Athens State University
Enter a profession: Engineering Technician
Enter a type of animal: dog
Enter a pet's name: Bella
There once was a person named Ethan who lived in Hazel Green. At the age of 21, Ethan went to college
at Athens State University. Ethan graduated and went to work as a Engineering Technician. Then, Ethan
adopted a(n) dog named Bella. They both lived happily ever after.
```

a.

#### 5. Fidget Orders

```
*****
Pallet Weight      Number of Boxes  Number of Fidgets
-----
      50.2              8              160
*****
```

a.

#### 6. Celsius to Fahrenheit

```
***** Temperature Converter *****
Enter temperature in celsius: 32
Celsius      Fahrenheit
      32              89.6
```

a.

#### 7. Receipt Display

```
Ying Thai Kitchen
2220 Queen Anne AVE N
Seattle WA 98109
Tel. (206) 285-6424 Fax. (206) 285-8427
www.yingthaikitchen.com
Welcome to Ying Thai Kitchcen Resaurant.

Order#:26                      Table 42
Date: 2/4/2024 8:11 PM
Server: Ethan Elders          (T.4)
-----
44 Ginger Lover                $9.50
[Pork][2**]
Brown Rice                     $2.00
-----
Total 2 item(s)                $11.50
Sales Tax                      $1.09
-----
Grand Total                    $12.59

Tip Guide
15%=$1.89, 18%=2.27, 20%=$2.52
Thank you very much.
Come back again
```

a.

8. Powerlifting

```
Enter the weight in pounds(Lbs): 385
Pounds: 385
Estimated Kilos: 173.25
Exact Kilos: 174.63
```

a.

9. Go To Desserts

```
How many oreo balls would you like to make?: 165

Serving Size: 165
55 cups crushed Oreos
11 cups cream cheese
22 cups chocolate chips
```

a.