Lesson 1: Output data

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| Task Vector Icon 349454 Vector Art at Vecteezy**Task 1: Output data**  Copy and paste this example code before you start completing the challenges. |

Num1 = 1

Num2 = 1

Total = Num1+Num2

print(Total)

**Challenges**

1. Set Num1 to 20, Set Num2 to 30, add them together and output the answer using an appropriate message. (Use No. 3 on the knowledge organiser to help you)
2. Set Num1 to 43, set Num2 to 12, subtract Num2 from Num1 and output the answer using an appropriate message. (Use No. 3 on the knowledge organiser to help you)

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| Task Vector Icon 349454 Vector Art at Vecteezy**Task 2: Arithmetic operators**  In Python, there are several arithmetic operators available. Look at the table below to see what each operator represents before moving onto the next set of challenges. |

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| **+** | **-** | **/** | **//** | **\*** | **\*\*** | **%** |
| Addition | Subtraction | Float division | Integer division | Multiplication | Exponentiation  (To the power of) | Modulus  (Remainder) |

**Challenges**

1. Set Num1 to 12, set Num2 to 7, **multiply** these two numbers and output the answer using an appropriate message.
2. Set Num1 to 100, set Num2 to 2, Divide Num1 by Num2 by using **Integer division** and output the answer using an appropriate message.
3. Set Num1 to 25 and set Num2 to 3. Use **Modulus** to divide Num1 by Num2 and output the answer using an appropriate message.
4. Set Num1 to 3 and set Num2 to 2. Use **Exponentiation** to raise Num1 to the power of Num2 and output the answer using an appropriate message.
5. Set Num1 to 12, set Num2 to 8 and set Num3 to 2. Add Num1 and Num2 together inside closed brackets, then divide by Num3. Output the answer using an appropriate message.

**Assessment:**

Open your e-portfolio and complete the programming challenges.