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**Python Homework: Introduction to Programming**

**Instructions**

Complete the following tasks using Python. Upload your .py file in GitHub or email me.

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**Part A: Coding Tasks**

1. Print a sentence

Write a Python line that prints the sentence:

"Welcome to Python programming!"

1. Define an number variable. Print the variable in the string “The Number defined is:”

Create a variable called age and store your age as an integer.

1. Print the sum of two numbers

Define two numbers a = 7 and b = 5. Print their sum. **Store sum in a variable before printing.**

1. Print the product of two numbers

Define x = 4 and y = 6. Print their product.

1. Print the result of division of two number

Define x = 8 and y = 2. Print their division result. [Hint: use /]

1. Print the remainder of two numbers

Define x = 8 and y = 2. Print their result. [Hint: use %]

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**Part B: Short Answer**

1. Answer in 1-2 sentences:

What is the difference between an interpreter and a compiler?