LAB

Day 2 — First Words in the Editor

First Words: Online

Name: _____ Date: _____

Directions

1. Type the game link below. It opens First Words in CodeGrove, our online game.
2. Write the program in the game. Press Run to see the output, and press Check until your code works.
3. On this sheet, write your lines. Then answer the Why question.
4. Press Next task for the next program. When all three are done, turn in this sheet.

Game link: madlyproductivepathways.com/codegrove?level=1.1

Check tells you if your code works. It is not your grade. You may use up to three hints.

Each question has a tag that shows where to do the work.

Use CodeGrove	Do the work in CodeGrove. Then write your final answer on this sheet.
Paper only	Answer on this sheet. You don't need the game.

How do you earn points?

Each program is worth 4 points: 2 for the code you write and 2 for why it works.

The sheet is worth 12 points.

Task 1: Hello, Python

Print a two-line greeting.

1. Print the two lines shown in the Example.

2. Match every letter, space and punctuation mark.

Example 1

Input

```
(nothing to type)
```

Output

```
Hello, Python!
I can write code.
```

1. Write the two lines that print the Example output. (2 points) Use CodeGrove

main.py

```
1  # Say hello.
2
3
4
5
```

2. Why don't the quote marks show in the output? Write 2 sentences. (2 points) Paper only

Task 2: Morning News

Print the morning news.

1. Print the three lines shown in the Example.

2. Match every capital letter and period.

Example 1

Input

```
(nothing to type)
```

Output

```
Good morning, Oak Hill Middle School.
Picture day is on Thursday.
Have a great Tuesday.
```

3. Write the three lines that print the morning news. (2 points) Use CodeGrove

main.py

```
1  # The morning news
2
3
4
5
6
```

4. Why must School start with a capital S in your code? Write 2 sentences. (2 points)

Paper only

Task 3: Steps in Order

Put the seed-planting steps in order.

1. Move the existing lines into the correct order.

2. Match the Example output exactly.

Example 1

Input

```
(nothing to type)
```

Output

```
First, fill a cup with soil.
Next, push a seed into the soil.
Then water the soil.
Last, set the cup in a sunny window.
```

5. Write the four `print()` lines in the order that prints the steps right. (2 points)

Use CodeGrove

Starter code

```
# How to plant a seed
print("Next, push a seed into the soil.")
print("Last, set the cup in a sunny window.")
print("First, fill a cup with soil.")
print("Then water the soil.")
```

Write your whole fixed program in the box below.

main.py

```
1
2
3
4
5
6
7
```

6. Why does moving a line change the output? Write 2 sentences. (2 points)

Paper only