LAB

Day 3 — Make a Sign

Sign Maker: Online

Name: _____ Date: _____

Directions

1. Type the game link below. It opens Sign Maker 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=1.1b

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: Bake Sale Sign

Make the bake sale sign.

1. Print the event, a blank line and the time.

2. Put a row of stars above and below the sign.

3. Match the Example output exactly.

Example 1

Input

```
(nothing to type)
```

Output

```
********
BAKE SALE

Friday at noon
********
```

1. Write the five lines that print the bake sale sign. (2 points) Use CodeGrove

main.py

```
# Bake sale sign
```

2. Why does the sign have a blank line between BAKE SALE and the time? Write 2 sentences. (2 points) Paper only

Task 2: Club Poster

Finish the three-part club poster. Its first part is done.

1. Add the other two parts, with a blank line before each.

2. Write a comment above each part you add.

3. Match the Example output exactly.

Example 1

Input

```
(nothing to type)
```

Output

```
GARDEN CLUB

Tuesdays after school
Room 104

All grades are welcome!
```

3. Write the lines that add the other two parts. Put a blank line before each part and a comment above it. (2 points)

Use CodeGrove

main.py

```
# The club's name
print("GARDEN CLUB")
```

4. Why don't your comments show up on the poster? Write 2 sentences. (2 points)

Paper only

Task 3: Lunch Menu Board

Fix the lunch menu board.

1. Add blank lines after the title and before the last line.

2. Put the food lines in the correct order.

3. Match the Example output exactly.

Example 1

Input

```
(nothing to type)
```

Output

```
LUNCH MENU

Main: Bean tacos
Side: Corn salad
Drink: Milk

Enjoy your lunch!
```

5. Write the fixed program, with the blank lines and the food in order. (2 points)

Use CodeGrove

Starter code

```
# Lunch menu board
print("LUNCH MENU")
print("Side: Corn salad")
print("Main: Bean tacos")
print("Drink: Milk")
print("Enjoy your lunch!")
```

Write your whole fixed program in the box below.

main.py

```
1
2
3
4
5
6
7
8
9
10
```

6. The starter printed Side: Corn salad before Main: Bean tacos. Why? Write 2 sentences. (2 points)

Paper only