

# Computer Programming

## Lab5

Apr. 8, 2025



# Ex1

- Write a program that displays a cafe menu, takes orders, and calculates the total amount.

No.	Menu Item	Price
1	Americano	3000 won
2	Latte	3500 won
3	Cappuccino	4000 won
4	Finish Order and Pay	-

## • Program output

```
[ohyong@cse ~/cp/Lab5]$ vi ex5_1.c
[ohyong@cse ~/cp/Lab5]$ gcc ex5_1.c -o ex5_1
[ohyong@cse ~/cp/Lab5]$ ./ex5_1
```

```
=== Cafe Menu ===
```

1. Americano (3000 won)
2. Latte (3500 won)
3. Cappuccino(4000 won)
4. Finish Order and Pay

```
Enter menu number: 1
```

```
Enter quantity: 2
```

```
Current total: 6000 won
```

```
=== Cafe Menu ===
```

1. Americano (3000 won)
2. Latte (3500 won)
3. Cappuccino(4000 won)
4. Finish Order and Pay

```
Enter menu number: 3
```

```
Enter quantity: 1
```

```
Current total: 10000 won
```

```
=== Cafe Menu ===
```

1. Americano (3000 won)
2. Latte (3500 won)
3. Cappuccino(4000 won)
4. Finish Order and Pay

```
Enter menu number: 4
```

```
Final total: 10000 won. Thank you!
```

# Ex2

- Write a program that asks the user to input a value and draws the following four patterns. The input value must be a positive integer less than or equal to 10.

- **Program output**

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# Submission

- **Submit to server**

At the end of the Lab5, submit your C sources file by typing

~gs1401/bin/submit **Lab5**<sub>2</sub> ex5\_1.c ex5\_2.c // by Thur. 11:50

~gs1401/bin/submit **Lab5**<sub>3</sub> ex5\_1.c ex5\_2.c // by Friday 10:50

~gs1401/bin/submit **Lab5**<sub>4</sub> ex5\_1.c ex5\_2.c // by Friday 11:50

~gs1401/bin/submit **Lab5**<sub>5</sub> ex5\_1.c ex5\_2.c // by Friday 13:50

You may check that you have submitted your source code correctly by typing

~gs1401/bin/submit -check