

CMPE 101 - Intermediate Programming

Assignment-04

Worth 5% of the assignment mark!

Deadline: 23:50 Friday, March 11

In your assignment, explain your code with *comments*. Without *comments*, your assignment will not be marked. All class and method names must be used according to OOP concept.

Problem Statement

Write a program that displays prices of real estates according to their sizes in meter square. The length of a real estate changes between 5 and 20 meters with an increment of 1 meter. The width ranges from 2 to 10 meter with an increment of 2 meters. The unit price of a real estate is 20.5 TL per square meter. Please use the `printf()` method to display prices. You may decide at least how many digits necessary to display this price table. When you execute your program, you may have a table as below:

	2	4	6	8	10
5	price	price	price	price	price
6	price	price	price	price	price
7	price	price	price	price	price
8	price	price	price	price	price
9	price	price	price	price	price
.					
.					
.					
20	price	price	price	price	price

You can calculate the price with the following formula:

```
price= width x length x unitPrice
```

As you see, the price of real estate depends on the **unitPrice** value. So read the **unitPrice** from the standard input, and generate the price table. The **unitPrice** must be a double number, so, your table contains double numbers.

Optional: If you like, you may improve your assignment that gets width, length and related increments with users and generate more dynamic table.

Note: you are not allowed to use any IDE tools such Eclipse!.