

(2 marks) Read PE instructions at the bottom of the exam paper.

Do not pay attention to real meaning of objects, variables and their values in the questions below.

Write a class named **Cake** with the following information:

| Cake |
|---|
| -maker:String -price:int |
| +Cake() +Cake(maker:String, price:int) +getMaker():String +getPrice():int +setPrice(price:int):void |

Where:

- Cake() - default constructor.
- Cake(maker:String, price:int) - constructor, which sets values to maker and price.
- getMaker():String – return a string s, which is obtained by converting the last character in maker to **uppercase** format and the remaining characters in maker to **lowercase** format.
- getPrice():int – return price.
- setPrice(price:int):void – update price.

Do not format the result.

The program output might look something like:

| | |
|---|---|
| Enter maker: fRanceCake Enter price: 12 1. Test getMaker() 2. Test setPrice() Enter TC (1 or 2): 1 OUTPUT: francecakE | Enter maker: Vietnamcake Enter price: 12 1. Test getMaker() 2. Test setPrice() Enter TC (1 or 2): 2 Enter new price: 15 OUTPUT: 15 |
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