

Project 4 Testbeds

| class name: BuildYourOwn.java method signature: <code>public double price()</code> | | | |
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| Test Case # | Requirement | Test case description and Input Data | Expected result/output |
| 1 | The price should be calculated correctly, if there are no toppings and only a size chosen for the pizza. | Use the following data to create an instance of Pizza. <ul style="list-style-type: none">• Size: small• Sauce: tomato• Toppings: none• Extra Cheese: none• Extra Sauce: none | Expected: 8.99 Result: True (passed) |
| 2 | The price should be calculated correctly, if there are only 3 toppings chosen. | Use the following data to create an instance of Pizza. <ul style="list-style-type: none">• Size: medium• Sauce: tomato• Toppings: Ham, Beef, Sausage• Extra Cheese: none• Extra Sauce: none | Expected: 10.99 Result: True (passed) |
| 3 | The price should be calculated correctly, if there are more than 3 toppings chosen. | Use the following data to create an instance of Pizza. <ul style="list-style-type: none">• Size: large• Sauce: alfredo• Toppings: Ham, Beef, Sausage, Onion, Shrimp• Extra Cheese: none• Extra Sauce: none | Expected: 15.97 Result: True (passed) |
| 4 | The price should be calculated correctly, if extra sauce is chosen for the pizza. | Use the following data to create an instance of Pizza. <ul style="list-style-type: none">• Size: large• Sauce: tomato• Toppings: Ham, Beef, Sausage• Extra Cheese: yes• Extra Sauce: none | Expected: 13.99 Result: True (passed) |
| 5 | The price should be calculated correctly, if extra cheese is chosen for the pizza. | Use the following data to create an instance of Pizza. <ul style="list-style-type: none">• Size: medium• Sauce: alfredo• Toppings: Onion, GreenPepper, BlackOlives, Ham• Extra Cheese: none• Extra Sauce: yes | Expected: 13.48 Result: True (passed) |

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| 6 | The price should be calculated correctly, if extra cheese and extra sauce are both chosen for the pizza. | Use the following data to create an instance of Pizza. <ul style="list-style-type: none"> • Size: medium • Sauce: alfredo • Toppings: Onion, GreenPepper, BlackOlives, Ham • Extra Cheese: yes • Extra Sauce: yes | Expected: 14.48 Result: True (passed) |
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| ✓ | BuildYourOwnTest (com.example.rupizza) | 15 ms |
| ✓ | test_ExtraCheese | 15 ms |
| ✓ | test_BothExtras | 0 ms |
| ✓ | test_ThreeToppings | 0 ms |
| ✓ | test_NoToppings | 0 ms |
| ✓ | test_ExtraSauce | 0 ms |
| ✓ | test_OverThreeToppings | 0 ms |