

Test Specifications

<b>class name:</b> BuildYourOwnPizza <b>method signature:</b> public double price() {} //check if price is valid based on user input			
<b>Test Case #</b>	<b>Requirement</b>	<b>Test description and Input Data</b>	<b>Expected result/output</b>
1	This method returns a double for the price of a Small pizza with three toppings	<ul style="list-style-type: none"><li>• Select size, sauce, and three toppings.</li><li>• test data: “Small, tomato sauce, pepperoni, green pepper, onions”</li></ul>	\$8.99
2	This method returns a double for the price of a Medium pizza with three toppings	<ul style="list-style-type: none"><li>• Select size, sauce, and three toppings.</li><li>• test data: “medium, alfredo sauce, bacon, crab meat, black olives”</li></ul>	\$10.99
3	This method returns a double for the price of a Large pizza with three toppings	<ul style="list-style-type: none"><li>• Select size, sauce, and three toppings.</li><li>• test data: “large, tomato sauce, bacon, green peppers, ham”</li></ul>	\$12.99
4	This method returns a double for a Small pizza with three toppings for \$8.99. When the user tries to place an order, error is handled through the BuildYourOwn Controller class by giving an alert.	<ul style="list-style-type: none"><li>• Select size, sauce, and under 3 toppings.</li><li>• test data: “small, alfredo sauce, onion, squid, beef.”</li></ul>	When user tries to place order → Alert: Too Less Toppings
5	This method returns a double for a Medium pizza with seven toppings (edge case for maximum amount of toppings allowed).	<ul style="list-style-type: none"><li>• Select size, sauce, and 7 toppings.</li><li>• test data: “medium, alfredo sauce, onion, mushroom, ham, black olive, beef, shrimp, squid, crab meat.”</li></ul>	\$21.42

6	This method returns a double for a Medium pizza with seven or more toppings for \$19.93. When the user tries to place an order, error is handled through BuildYourOwn Controller class by giving an alert.	<ul style="list-style-type: none"> <li>• Select size, sauce, and over 7 toppings.</li> <li>•test data: “medium, tomato sauce, ham, beef, squid, mushroom, jalapenos, shrimp, bacon, sausage, black olives.”</li> </ul>	\$19.93  When user tries to place order → Alert: Too Many Toppings
7	This method returns a double for a Large pizza with four toppings as well as extra cheese and sauce (adding \$1 for each options) leading to a total of \$16.48	<ul style="list-style-type: none"> <li>• Select size, sauce, 4 toppings, extra cheese and extra sauce.</li> <li>•test data: “large, tomato sauce, sausage, jalapenos, green peppers, onion, extra cheese, extra sauce”</li> </ul>	\$16.48