

Notes:
- The *italicized parts* are "outputs" where a value just gets stored in a variable
 (This was tested in a different file by printing what's inside those variables after the function call)
- The **bold parts** are those displayed in the terminal
- The rest are descriptions of the outcomes

Function Name	#	Test Description	Sample Input	Expected Result	Actual Result	P/F
main()	1	maintenance code is inputted in getCrust	see getCrust()_2	Crust: 80808 ----- Machine will be shut down for MAINTENANCE. ----- exits the program	Crust: 80808 ----- Machine will be shut down for MAINTENANCE. ----- exits the program	P
	2	order is cancelled at getSize()	see getSize()_3	Size: x ----- Order has been CANCELLED ----- nInvoice stays the same, back to step 1	Size: x ----- Order has been CANCELLED ----- nInvoice stays the same, back to step 1	P
	3	order is cancelled at getToppings()	see getToppings()_4 //PART2	Topping # 1: x ----- Order has been CANCELLED ----- nInvoice stays the same, back to step 1	Topping # 1: x ----- Order has been CANCELLED ----- nInvoice stays the same, back to step 1	P
	4	order is cancelled at getCheese()	see getCheese()_3	Cheese # 1: x ----- Order has been CANCELLED ----- nInvoice stays the same, back to step 1	Cheese # 1: x ----- Order has been CANCELLED ----- nInvoice stays the same, back to step 1	P
	5	order is cancelled at getStuffings()	see getStuffing()_3	Stuffing: x ----- Order has been CANCELLED ----- nInvoice stays the same, back to step 1	Stuffing: x ----- Order has been CANCELLED ----- nInvoice stays the same, back to step 1	P
	6	order is cancelled at payment()	see payment()_4	Pay: 0 ----- Order has been CANCELLED ----- nInvoice stays the same, back to step 1	Pay: 0 ----- Order has been CANCELLED ----- nInvoice stays the same, back to step 1	P
	7	successful transactions until tasked to go under maintenance	2 orders then tasked to go under maintenance	Welcome to Easy Pizza! [...steps...] Invoice Number: 0001 (saved to Receipts.txt) [...steps...] We hope you order again soon! ----- Welcome to Easy Pizza! [...steps...] Invoice Number: 0002 (saved to Receipts.txt) [...steps...] We hope you order again soon! ----- Welcome to Easy Pizza! [...getCrust()...] Crust: 80808 ----- Machine will be shut down for MAINTENANCE. ----- exits the program	Welcome to Easy Pizza! [...steps...] Invoice Number: 0001 (saved to Receipts.txt) [...steps...] We hope you order again soon! ----- Welcome to Easy Pizza! [...steps...] Invoice Number: 0002 (saved to Receipts.txt) [...steps...] We hope you order again soon! ----- Welcome to Easy Pizza! [...getCrust()...] Crust: 80808 ----- Machine will be shut down for MAINTENANCE. ----- exits the program	P
getCrust()	1	input is valid (1 or 2)	2	<i>*pCrust = 2</i>	<i>*pCrust = 2</i>	P
	2	input is 80808	80808	<i>*pMaintenance = 1</i>	<i>*pMaintenance = 1</i>	P
	3	input is invalid	234	Invalid Input. Choose a valid crust. and asks to input again until input is valid	Invalid Input. Choose a valid crust. and asks to input again until input is valid	P
getSize()	1	input is valid ('s', 'm', 'l', 'S', 'M', 'L'), nCrust = 1	'M' (nCrust = 1)	<i>*pSize = M</i> <i>crust_size[1].nQty = 1</i> TOTAL 175.00	<i>*pSize = M</i> <i>crust_size[1].nQty = 1</i> TOTAL 175.00	P
	2	input is valid ('s', 'm', 'l', 'S', 'M', 'L'), nCrust = 2	's' (nCrust = 2)	<i>*pSize = S</i> <i>crust_size[3].nQty = 1</i> TOTAL 100.00	<i>*pSize = S</i> <i>crust_size[3].nQty = 1</i> TOTAL 100.00	P
	3	input is 'x' or 'X'	'X'	<i>*pCancel = 1</i>	<i>*pCancel = 1</i>	P
	4	input is invalid	'G'	Invalid Input. Choose a valid size. and asks to input again until input is valid	Invalid Input. Choose a valid size. and asks to input again until input is valid	P
getToppings() // PART 1	1	size ordered is small	cSize = 'S'	[STEP 3] Choose at least 1 topping: [H] - Ham (PhP 10.00) [P] - Pineapple (PhP 6.00) [S] - Sausage (PhP 15.00) [C] - Cheese (PhP 12.00) [O] - Olives (PhP 10.00) [N] - NEXT STEP [X] - CANCEL ORDER	[STEP 3] Choose at least 1 topping: [H] - Ham (PhP 10.00) [P] - Pineapple (PhP 6.00) [S] - Sausage (PhP 15.00) [C] - Cheese (PhP 12.00) [O] - Olives (PhP 10.00) [N] - NEXT STEP [X] - CANCEL ORDER	P

	2	size ordered is medium	cSize = 'M'	[STEP 3] Choose at least 1 topping: [H] - Ham (PhP 15.00) [P] - Pineapple (PhP 9.00) [S] - Sausage (PhP 22.50) [C] - Cheese (PhP 18.00) [O] - Olives (PhP 15.00) [N] - NEXT STEP [X] - CANCEL ORDER	[STEP 3] Choose at least 1 topping: [H] - Ham (PhP 15.00) [P] - Pineapple (PhP 9.00) [S] - Sausage (PhP 22.50) [C] - Cheese (PhP 18.00) [O] - Olives (PhP 15.00) [N] - NEXT STEP [X] - CANCEL ORDER	P
	3	size ordered is large	cSize = 'L'	[STEP 3] Choose at least 1 topping: [H] - Ham (PhP 17.50) [P] - Pineapple (PhP 10.50) [S] - Sausage (PhP 26.25) [C] - Cheese (PhP 21.00) [O] - Olives (PhP 17.50) [N] - NEXT STEP [X] - CANCEL ORDER	[STEP 3] Choose at least 1 topping: [H] - Ham (PhP 17.50) [P] - Pineapple (PhP 10.50) [S] - Sausage (PhP 26.25) [C] - Cheese (PhP 21.00) [O] - Olives (PhP 17.50) [N] - NEXT STEP [X] - CANCEL ORDER	P
getToppings() // PART 2	1	inputs at least 1 valid topping ('h', 'p', 's', 'c', 'o', 'H', 'P', 'S', 'C', 'O')	'h', 'n' (cSize = 'S')	Topping # 1: h TOTAL: 110.00 Topping # 2: n toppings[0].nQty = 1	Topping # 1: h TOTAL: 110.00 Topping # 2: n toppings[0].nQty = 1	P
	2	inputs an invalid character	h', 'z', 'c', 'z', 'n' (cSize = 'M')	Topping # 1: h TOTAL: 190.00 Topping # 2: z Invalid Input. Choose a valid topping. Topping # 2: c TOTAL: 208.00 Topping # 3: z Invalid Input. Choose a valid topping. Topping # 3: c TOTAL: 226.00 Topping # 4: n toppings[0].nQty = 1, toppings[3].nQty = 2	Topping # 1: h TOTAL: 190.00 Topping # 2: z Invalid Input. Choose a valid topping. Topping # 2: c TOTAL: 208.00 Topping # 3: z Invalid Input. Choose a valid topping. Topping # 3: c TOTAL: 226.00 Topping # 4: n toppings[0].nQty = 1, toppings[3].nQty = 2	P
	3	inputs 'n' or 'N' without having chosen toppings	'n'	You must select at least 1 topping. Topping # 1: (asks user to input again until at least 1 topping is selected)	You must select at least 1 topping. Topping # 1: (asks user to input again until at least 1 topping is selected)	P
	4	input is 'x' or 'X'	'X'	*pCancel = 1	*pCancel = 1	P
getCheese()	1	all inputs are valid ('m', 'g', 'f', 'p', 'M', 'G', 'F', 'P')	'm', 'g' (nQty = 2, fTotal = 124.0)	Cheese # 1: m Cheese # 2: g TOTAL: 124.00 cheeses[0].nQty = 1, cheeses[1].nQty = 1	Cheese # 1: m Cheese # 2: g TOTAL: 124.00 cheeses[0].nQty = 1, cheeses[1].nQty = 1	P
	2	inputs an invalid character	'p', 'a', 'f' (nQty = 2, fTotal = 124.0)	Cheese # 1: p Cheese # 2: a Invalid Input. Choose a valid cheese type. Cheese # 2: f TOTAL: 124.00 cheeses[2].nQty = 1, cheeses[3].nQty = 1	Cheese # 1: p Cheese # 2: a Invalid Input. Choose a valid cheese type. Cheese # 2: f TOTAL: 124.00 cheeses[2].nQty = 1, cheeses[3].nQty = 1	P
	3	inputs 'x' or 'X'	'm', 'x' (nQty = 2, fTotal = 124.0)	Cheese # 1: m Cheese # 2: x *pCancel = 1	Cheese # 1: m Cheese # 2: x *pCancel = 1	P
getStuffing()	1	input is valid stuffing ('c', 's', 'b', 'C', 'S', 'B')	'c' (*pTotal = 110.0)	Stuffing: c TOTAL: 140.00 stuffings[0].nQty = 1	Stuffing: c TOTAL: 140.00 stuffings[0].nQty = 1	P
	2	input is no stuffing ('n', 'N')	'N' (*pTotal = 110.0)	Stuffing: N TOTAL: 110.00	Stuffing: N TOTAL: 110.00	P
	3	input is 'x' or 'X'	'x' (*pTotal = 110.0)	*pCancel = 1	*pCancel = 1	P
	4	input is invalid	'm', 'b' (*pTotal = 110.0)	Stuffing: m Invalid Input. Choose a valid stuffing. Stuffing: b TOTAL: 145.00 stuffings[2].nQty = 1	Stuffing: m Invalid Input. Choose a valid stuffing. Stuffing: b TOTAL: 145.00 stuffings[2].nQty = 1	P
payment()	1	pays exact amount	(fTotal = 145.00) 3, 5, 5, 7	Pay: 3 TOTAL: 45.00 Pay: 5 TOTAL: 25.00 Pay: 5 TOTAL: 5.00 Pay: 7 TOTAL: 0.00	Pay: 3 TOTAL: 45.00 Pay: 5 TOTAL: 25.00 Pay: 5 TOTAL: 5.00 Pay: 7 TOTAL: 0.00	P
	2	pays amount greater than total	(fTotal = 242.50) 12, 11, 10, 9, 2	Pay: 12 TOTAL: 242.49 Pay: 11 TOTAL: 242.44 Pay: 10 TOTAL: 242.34 Pay: 9 TOTAL: 242.09 Pay: 2 TOTAL: -257.91 Change: (2) 100 peso bills (1) 50 peso bill (1) 5 peso coin (2) 1 peso coins (3) 25 centavo coins (1) 10 centavo coin (1) 5 centavo coin (1) 1 centavo coin	Pay: 12 TOTAL: 242.49 Pay: 11 TOTAL: 242.44 Pay: 10 TOTAL: 242.34 Pay: 9 TOTAL: 242.09 Pay: 2 TOTAL: -257.91 Change: (2) 100 peso bills (1) 50 peso bill (1) 5 peso coin (2) 1 peso coins (3) 25 centavo coins (1) 10 centavo coin (1) 5 centavo coin (1) 1 centavo coin	
	3	inputs invalid key	(fTotal = 146.00) 13, 2	Pay: 13 Invalid Input. Enter Keys from 0-12 only. Pay: 2 TOTAL: -354.00 Change: (3) 100 peso bills (1) 50 peso bill (4) 1 peso coins	Pay: 13 Invalid Input. Enter Keys from 0-12 only. Pay: 2 TOTAL: -354.00 Change: (3) 100 peso bills (1) 50 peso bill (4) 1 peso coins	P
	4	cancels order	0	*pCancel = 1	*pCancel = 1	P
receipt()	1	no cheese or stuffings	crust_size.nQty = 1 toppings[0].nQty = 1 (rest is 0) fTotal = 110.00 nInvoice = 2	Invoice Number: 0002 ITEM QTY PRICE Thin Crust [S] 1 100.00 Ham 1 10.00 TOTAL: 110.00 this is also stored in the Receipts.txt file	Invoice Number: 0002 ITEM QTY PRICE Thin Crust [S] 1 100.00 Ham 1 10.00 TOTAL: 110.00 this is also stored in the Receipts.txt file	P

	2	with cheese	crust_size[1].nQty = 1 toppings[3].nQty = 2 toppings[4].nQty = 1 cheeses[0].nQty = 1 cheeses[1].nQty = 1 (rest is 0) fTotal = 226.00 nInvoice = 3	Invoice Number: 0003 <table><tr><th>ITEM</th><th>QTY</th><th>PRICE</th></tr><tr><td>Thin Crust [M]</td><td>1</td><td>175.00</td></tr><tr><td>Cheese</td><td>2</td><td>36.00</td></tr><tr><td> Mozzarella x 1</td><td></td><td></td></tr><tr><td> Gorgonzola x 1</td><td></td><td></td></tr><tr><td>Olives</td><td>1</td><td>15.00</td></tr><tr><td colspan="2">TOTAL: 226.00</td><td></td></tr></table> this is also stored in the Receipts.txt file	ITEM	QTY	PRICE	Thin Crust [M]	1	175.00	Cheese	2	36.00	Mozzarella x 1			Gorgonzola x 1			Olives	1	15.00	TOTAL: 226.00			Invoice Number: 0003 <table><tr><th>ITEM</th><th>QTY</th><th>PRICE</th></tr><tr><td>Thin Crust [M]</td><td>1</td><td>175.00</td></tr><tr><td>Cheese</td><td>2</td><td>36.00</td></tr><tr><td> Mozzarella x 1</td><td></td><td></td></tr><tr><td> Gorgonzola x 1</td><td></td><td></td></tr><tr><td>Olives</td><td>1</td><td>15.00</td></tr><tr><td colspan="2">TOTAL: 226.00</td><td></td></tr></table> this is also stored in the Receipts.txt file	ITEM	QTY	PRICE	Thin Crust [M]	1	175.00	Cheese	2	36.00	Mozzarella x 1			Gorgonzola x 1			Olives	1	15.00	TOTAL: 226.00			P																														
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	3	with stuffings	crust_size[5].nQty = 1 toppings[0].nQty = 0 toppings[1].nQty = 1 toppings[2].nQty = 1 toppings[3].nQty = 4 toppings[4].nQty = 1 stuffings[2].nQty = 1 (rest is 0) fTotal = 415.75 nInvoice = 5	Invoice Number: 0005 <table><tr><th>ITEM</th><th>QTY</th><th>PRICE</th></tr><tr><td>Thick Crust [L]</td><td>1</td><td>225.00</td></tr><tr><td>Ham</td><td>1</td><td>17.50</td></tr><tr><td>Pineapple</td><td>1</td><td>10.50</td></tr><tr><td>Sausage</td><td>1</td><td>26.25</td></tr><tr><td>Cheese</td><td>4</td><td>84.00</td></tr><tr><td> Mozzarella x 1</td><td></td><td></td></tr><tr><td> Gorgonzola x 2</td><td></td><td></td></tr><tr><td> Parmesan x 1</td><td></td><td></td></tr><tr><td>Olives</td><td>1</td><td>17.50</td></tr><tr><td>Stuffing: Both C&S</td><td>1</td><td>35.00</td></tr><tr><td colspan="2">TOTAL: 415.75</td><td></td></tr></table>	ITEM	QTY	PRICE	Thick Crust [L]	1	225.00	Ham	1	17.50	Pineapple	1	10.50	Sausage	1	26.25	Cheese	4	84.00	Mozzarella x 1			Gorgonzola x 2			Parmesan x 1			Olives	1	17.50	Stuffing: Both C&S	1	35.00	TOTAL: 415.75			Invoice Number: 0005 <table><tr><th>ITEM</th><th>QTY</th><th>PRICE</th></tr><tr><td>Thick Crust [L]</td><td>1</td><td>225.00</td></tr><tr><td>Ham</td><td>1</td><td>17.50</td></tr><tr><td>Pineapple</td><td>1</td><td>10.50</td></tr><tr><td>Sausage</td><td>1</td><td>26.25</td></tr><tr><td>Cheese</td><td>4</td><td>84.00</td></tr><tr><td> Mozzarella x 1</td><td></td><td></td></tr><tr><td> Gorgonzola x 2</td><td></td><td></td></tr><tr><td> Parmesan x 1</td><td></td><td></td></tr><tr><td>Olives</td><td>1</td><td>17.50</td></tr><tr><td>Stuffing: Both C&S</td><td>1</td><td>35.00</td></tr><tr><td colspan="2">TOTAL: 415.75</td><td></td></tr></table>	ITEM	QTY	PRICE	Thick Crust [L]	1	225.00	Ham	1	17.50	Pineapple	1	10.50	Sausage	1	26.25	Cheese	4	84.00	Mozzarella x 1			Gorgonzola x 2			Parmesan x 1			Olives	1	17.50	Stuffing: Both C&S	1	35.00	TOTAL: 415.75			P
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calcTime()	1	only 1 topping; no stuffings	toppings[0].nQty = 1	182	182	P																																																																								
	2	multiple toppings, including cheese; no stuffings	toppings[3].nQty = 2 toppings[4].nQty = 1	186	186	P																																																																								
	3	with stuffings	toppings[0].nQty = 0 toppings[1].nQty = 1 toppings[2].nQty = 1 toppings[3].nQty = 4 toppings[4].nQty = 1 stuffings[2].nQty = 1	206	206	P																																																																								
creation()	1	nTime is not 6 mod 7	186	3:06 3:05 3:04 3:03 3:02 3:01 3:00 2:59 2:58 2:57 2:56 2:55 2:54 2:53 [...actual values...] 0:11 0:10 0:09 0:08 0:07 0:06 0:05 0:04 0:03 0:02 0:01 0:00 Thank you for waiting!	3:06 3:05 3:04 3:03 3:02 3:01 3:00 2:59 2:58 2:57 2:56 2:55 2:54 2:53 [...actual values...] 0:11 0:10 0:09 0:08 0:07 0:06 0:05 0:04 0:03 0:02 0:01 0:00 Thank you for waiting!	P																																																																								
	2	nTime is 6 mod 7 (for next line screen design purposes)	188	3:08 3:07 3:06 3:05 3:04 3:03 3:02 3:01 3:00 2:59 2:58 2:57 2:56 2:55 [...actual values] 0:13 0:12 0:11 0:10 0:09 0:08 0:07 0:06 0:05 0:04 0:03 0:02 0:01 0:00 Thank you for waiting!	3:08 3:07 3:06 3:05 3:04 3:03 3:02 3:01 3:00 2:59 2:58 2:57 2:56 2:55 [...actual values] 0:13 0:12 0:11 0:10 0:09 0:08 0:07 0:06 0:05 0:04 0:03 0:02 0:01 0:00 Thank you for waiting!	P																																																																								
	3	nTime is greater than 3 minutes	328	5:28 5:27 5:26 5:25 5:24 5:23 5:22 5:21 5:20 5:19 5:18 5:17 5:16 5:15 [...actual values...] 0:13 0:12 0:11 0:10 0:09 0:08 0:07 0:06 0:05 0:04 0:03 0:02 0:01 0:00 Thank you for waiting!	5:28 5:27 5:26 5:25 5:24 5:23 5:22 5:21 5:20 5:19 5:18 5:17 5:16 5:15 [...actual values...] 0:13 0:12 0:11 0:10 0:09 0:08 0:07 0:06 0:05 0:04 0:03 0:02 0:01 0:00 Thank you for waiting!	P																																																																								
toUpper()	1	input small letter character	'a'	'A'	'A'	P																																																																								
	2	input capital letter character	'Y'	'Y'	'Y'	P																																																																								
	3	input non-letter character	'!'	'!'	'!'	P																																																																								