

CS100: Assignment 3 Test Cases

Program #: _____

TODO 1:	prompt	input	output	return	result
1	WITCH	they dressed me up like this	"CROWD: No we didn't - no."	TRUE	
2	WITCH	A			
	WITCH	B			
	WITCH	they dressed me up like this	"CROWD: No we didn't - no."	TRUE	
3	WITCH	A			
	WITCH	B			
	WITCH	C		FALSE	

TODO 2:	prompt	input	output	return	result
1	VILLAGER 1:	A			
	VILLAGER 2:	B			
	VILLAGER 3:	well, we did do the nose		TRUE	
2	VILLAGER 1:	A			
	VILLAGER 2:	B			
	VILLAGER 3:	C			
	VILLAGER 4:	that's her real nose		FALSE	

TODO 3:	prompt	input	output	return	result
1	VILLAGER 1:	A			
	VILLAGER 2:	B			
	VILLAGER 3:	and the hat	VILLAGER 3: But she is a witch. CROWD: Burn her! Witch! Burn her!	TRUE	
2	VILLAGER 1:	A			
	VILLAGER 2:	B			
	VILLAGER 3:	C			
	VILLAGER 4:	she was wearing that hat		FALSE	

TODO 4:	last prompt	input	output	return	result
1	VILLAGER 4:	no, no, no, no		FALSE	
2	VILLAGER 7:	no, no, no, yes, yes, a bit, a bit		TRUE	
3	VILLAGER 8:	no, no, no, yes, yes, yes, a bit, a bit		TRUE	
4	VILLAGER 5:	yes, (TC1)		FALSE	
5	VILLAGER 8:	yes, (TC2)		TRUE	
6	VILLAGER 5:	a bit, (TC1)		FALSE	
7	VILLAGER 8:	a bit, (TC2)		TRUE	
8	VILLAGER 6:	no, yes, (TC1)		FALSE	
9	VILLAGER 9:	no, yes, (TC2)		TRUE	
10	VILLAGER 6:	no, a bit, (TC1)		FALSE	
11	VILLAGER 9:	no, a bit, (TC2)		TRUE	
12	VILLAGER 7:	no, no, yes, (TC1)		FALSE	
13	VILLAGER 10:	no, no, yes, (TC2)		TRUE	
14	VILLAGER 7:	no, no, a bit, (TC1)		FALSE	
15	VILLAGER 10:	no, no, a bit, (TC2)		TRUE	
16	VILLAGER 8:	no, no, no, yes, (TC1)		FALSE	
17	VILLAGER 11:	no, no, no, yes, (TC2)		TRUE	
18	VILLAGER 8:	no, no, no, a bit, (TC1)		FALSE	
19	VILLAGER 11:	no, no, no, a bit, (TC2)		TRUE	
20	VILLAGER 9:	no, no, no, yes, yes, (TC1)		FALSE	
21	VILLAGER 12:	no, no, no, yes, yes, (TC2)		TRUE	
22	VILLAGER 10:	no, no, no, yes, yes, a bit, (TC1)		FALSE	
23	VILLAGER 13:	no, no, no, yes, yes, a bit, (TC2)		TRUE	
24	VILLAGER 11:	no, no, no, yes, yes, a bit, yes, (TC1)		FALSE	
25	VILLAGER 14:	no, no, no, yes, yes, a bit, yes, (TC2)		TRUE	

TODO 5:	prompt	input	output	return	result
1	VILLAGER 1:	A			
	VILLAGER 2:	B			
	VILLAGER 3:	if she weighs the same as a duck	SIR BEDEVERE: Well, that certainly was an inspired guess	TRUE	
2	VILLAGER 1:	A			
	VILLAGER 2:	B			
	VILLAGER 3:	C		FALSE	

TODO 6:	prompt	input	output	return	result
1	VILLAGER 1:	A			
	VILLAGER 2:	B			
	VILLAGER 3:	no, It floats	VILLAGER 3: it floats, throw her into the pond		
2	VILLAGER 1:	A			
	VILLAGER 2:	B			
	VILLAGER 3:	C			
	VILLAGER 4:	throw her into the pond			

TODO 7:	prompt	input	output	return	result
1	#:	2		2	
2	#:	100		100	
3	#:	200		200	
4	#:	1	SIR BEDEVERE: That seems awfully light for a witch - perhaps she's a fairy.		
	#:	201	SIR BEDEVERE: That seems awfully heavy for a witch - perhaps we could build a bridge out of her.		
	#:	0	SIR BEDEVERE: That seems awfully light for a witch - perhaps she's a fairy.		
	#:	202	SIR BEDEVERE: Obviously, at that weight, she won't weigh the same as a duck. Let her go.	100	

TODO 8:		parameters	output	return	result
1		witch: 2 duck: 3	SIR BEDEVERE: She falls outside the weight range for an unladen Euopean duck.	FALSE	
2		witch: 3 duck: 3	SIR BEDEVERE: She falls within the weight range for an unladen Euopean duck.	TRUE	
3		witch: 6 duck: 4	SIR BEDEVERE: She falls outside the weight range for an unladen Euopean duck.	FALSE	
4		witch: 5 duck: 4	SIR BEDEVERE: She falls within the weight range for an unladen Euopean duck.	TRUE	
5		witch: 14 duck: 10	SIR BEDEVERE: She falls outside the weight range for an unladen Euopean duck.	FALSE	
6		witch: 13 duck: 10	SIR BEDEVERE: She falls within the weight range for an unladen Euopean duck.	TRUE	
7		witch: 6 duck: 10	SIR BEDEVERE: She falls outside the weight range for an unladen Euopean duck.	FALSE	
8		witch: 7 duck: 10	SIR BEDEVERE: She falls within the weight range for an unladen Euopean duck.	TRUE	

TODO 9:		inputs	result	result
1		looksLikeAWitch = FALSE (other values don't matter)	shesNotAWitch()	
2		looksLikeAWitch = TRUE notHerRealClothes = FALSE (other values don't matter)	burnHer()	
3		looksLikeAWitch = TRUE notHerRealClothes = TRUE they DidTheNose = TRUE theyDidTheHat = TRUE theyDressedHerUpLikeThis = FALSE	burnHer()	
4		looksLikeAWitch = TRUE notHerRealClothes = TRUE they DidTheNose = FALSE theyDidTheHat = FALSE theyDressedHerUpLikeThis = TRUE	burnHer()	
5		looksLikeAWitch = TRUE notHerRealClothes = TRUE they DidTheNose = TRUE theyDidTheHat = TRUE theyDressedHerUpLikeThis = TRUE witchWeight = 5 duckWeight = 5 sheWeighsTheSameAsADuck = TRUE	burnHer()	
6		looksLikeAWitch = TRUE notHerRealClothes = TRUE they DidTheNose = TRUE theyDidTheHat = TRUE theyDressedHerUpLikeThis = TRUE witchWeight = 10 duckWeight = 5 sheWeighsTheSameAsADuck = FALSE	shesNotAWitch()	
7		looksLikeAWitch = TRUE notHerRealClothes = TRUE they DidTheNose = FALSE theyDidTheHat = TRUE theyDressedherUp = TRUE witchWeight = 5 duckWeight = 4 sheWeighsTheSameAsADuck = TRUE	burnHer()	
8		looksLikeAWitch = TRUE notHerRealClothes = TRUE they DidTheNose = FALSE theyDidTheHat = TRUE theyDressedHerUpLikeThis = TRUE witchWeight = 3 duckWeight = 4 sheWeighsTheSameAsADuck = TRUE	burnHer()	

9		looksLikeAWitch = TRUE notHerRealClothes = TRUE they DidTheNose = FALSE theyDidTheHat = TRUE theyDressedHerUpLikeThis = TRUE witchWeight = 2 duckWeight = 4 sheWeighsTheSameAsADuck = FALSE	shesNotAWitch()	
10		looksLikeAWitch = TRUE notHerRealClothes = TRUE they DidTheNose = TRUE theyDidTheHat = FALSE theyDressedherUpLikeThis = TRUE witchWeight = 13 duckWeight = 10 sheWeighsTheSameAsADuck = TRUE	burnHer()	
11		looksLikeAWitch = TRUE notHerRealClothes = TRUE they DidTheNose = TRUE theyDidTheHat = FALSE theyDressedHerUpLikeThis = TRUE witchWeight = 14 duckWeight = 10 sheWeighsTheSameAsADuck = FALSE	shesNotAWitch()	