CCPROG2 Machine Project Test Script
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S12B

Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/F
findInt()	1	The search key value is found in the array.	nArray contains: 1, 3, 4, 7, 8 searchKey = 3	1	1	P
	2	The search key is not found in the array.	nArray contains: 7, 5, 3, 2, 4 searchKey = 9	-1	-1	P
	3	The array is empty (contains only zeros).	nArray contains: 0, 0, 0, 0, 0	-1	-1	P
lowerCase()	1	The string contains capital letters.	pInput contains "CCProg"	pTemp contains "ccprog"	pTemp contains "ccprog"	P
	2	The string contains only lowercase letters.	pInput contains "hello world"	pTemp contains "hello world"	pTemp contains "hello world"	P
	3	The string doesn't contain any letters	pInput contains "!@#"	pTemp contains "!@#"	pTemp contains "!@#"	P
createNewList()	1	User inputs proper values.	Number of symptoms: 3 Number of Impressions: 2	Program asks the details of symptoms and impressions then Creates Symptoms.txt and	Program asks the details of symptoms and impressions then Creates Symptoms.txt	

				impressions.txt which contains the details that were listed in the function	and impressions.txt which contains the details that were listed in the function	
	2	User inputs a value less than the minimum (1).	Number of symptoms: 0 Number of Impression: 5	Error Message: "Invalid number of symptoms (only 1-20)"	Displays "Invalid number of symptoms (only 1-20)"	
	3	User inputs a value greater than the maximum (20)	Number of symptoms: 3 Number of Impressions: 23	Error Message: "Invalid number of impressions (only 1-20)"	Displays "Invalid number of impressions (only 1-20)"	
useExisting List()	1	Both symptoms. txt and impression s.txt exist and contain valid values.	Symptoms.txt contains: 3 1 Headache Do you have a headache? (Y/N) 2 Rashes Do you have rashes? (Y/N) 3 Cough Do you have a cough? (Y/N) Impressions.txt contains: 2 1 Dengue 1 2 3 2 Flu 1 3	symptoms[0] contains: .number = 1 .name = "Headache" .question = "Do you have a headache? (Y/N)" symptoms[1] contains: .number = 2 .name = "Rashes" .question = "Do you have rashes? (Y/N)" symptoms[2] contains: .number = 1 .name = "Cough" .question = "Do you have a cough? (Y/N)" impressions[0]	symptoms[0] contains: .number = 1 .name = "Headache" .question = "Do you have a headache? (Y/N)" symptoms[1] contains: .number = 2 .name = "Rashes" .question = "Do you have rashes? (Y/N)" symptoms[2] contains: .number = 1 .name = "Cough" .question = "Do you have a cough? (Y/N)"	P

Function	#	Condition	Input	Expected	Actual	Result
				contains: .number = 1 .name = "Dengue" .symptomsPresent[]: 1 2 3 impressions[1] contains: .number = 2 .name = "Flu" .symptomsPresent[]: 1 3	impressions[0] contains: .number = 1 .name = "Dengue" .symptomsPresent[]: 1 2 3 impressions[1] contains: .number = 2 .name = "Flu" .symptomsPresent[]: 1 3	
	2	There is no symptoms.txt file.	Impressions.txt contains: 2 1 Dengue 1 2 3 2 Flu 1 3	Error Message: "ERROR: Missing files."	Error Message: "ERROR: Missing files."	P
	3	There is no impressions.txt file	Symptoms.txt contains: 3 1 Headache Do you have a headache? (Y/N) 2 Rashes Do you have rashes? (Y/N) 3 Cough Do you have a cough? (Y/N)	Error Message: "ERROR: Missing files."	Error Message: "ERROR: Missing files."	P
displaySymptoms()	1	User inputs valid impression	Known Impressions: "Flu, Dengue, COVID19" Impression symptoms: Flu: Fever	Displays: "Fever Headache Cough"	Displays: "Fever Headache Cough"	P`

			Dengue: Fever, Headache COVID19: Fever, Headache, Cough User Inputs: "COVID19"			
	2	Display symptoms that do not exist.	N/A	Error Message: "ERROR: Incomplete or Missing List."	Error Message: "ERROR: Incomplete or Missing List."	P
	3	User inputs unknown impression	Known Impressions: Flu, Dengue, COVID19 User Inputs: Chickenpox	Error Message: "Unkown Impression"	Error Message: "Unkown Impression"	P
modifySymptoms()	1	User inputs valid impression	Known Impressions: "Flu, Dengue, COVID19" Impression symptoms: Flu: Fever Dengue: Fever, Headache COVID19: Fever, Headache, Cough User Inputs: "COVID19" User selects "Fever" and "Headache" as new symptoms	Displays symptoms of COVID19: "Fever Headache Cough" and replaces them with "Fever Headache"	Displays symptoms of COVID19: "Fever Headache Cough" and replaces them with "Fever Headache"	P
	2	Modify symptoms that do not	N/A	Error Message: "ERROR: Incomplete or	Error Message: "ERROR: Incomplete or	P

		exist.		Missing List."	Missing List."	
	3	User inputs unknown impression.	Known Impressions: Flu, Dengue, COVID19 User Inputs: Gambling Addiction	Error Message: "Unkown Impression"	Error Message: "Unkown Impression"	P
createPatientRecord	1	User has present symptoms and impressions.	Symptoms.txt contains: 3 1 Headache Do you have a headache? (Y/N) 2 Rashes Do you have rashes? (Y/N) 3 Cough Do you have a cough? (Y/N) Impressions.txt contains: 2 1 Dengue 1 2 3 2 Flu 1 3 Name: Mina Myoi Patient Number: 97 Age: 25 Gender: F Do you have a headache?: Y Do you have rashes?: Y Do you have a cough?:Y	97.txt contains: History of Present Illness Mina Myoi, patient # 97 is a 25-year old female. She has headache, rashes, and cough. Impressions are Dengue and Flu.	97.txt contains: History of Present Illness Mina Myoi, patient # 97 is a 25-year old female. She has headache, rashes, and cough. Impressions are Dengue and Flu.	P

	2	User has present symptoms but no impressions.	Symptoms.txt contains: 3 1 Headache Do you have a headache? (Y/N) 2 Rashes Do you have rashes? (Y/N) 3 Cough Do you have a cough? (Y/N) Impressions.txt contains: 2 1 Dengue 1 2 3 2 Flu 1 3 Name: Chaeyoung Son Patient Number: 99 Age: 23 Gender: F Do you have a headache?: N Do you have rashes?: Y Do you have a cough?: N	99.txt contains: History of Present Illness Chaeyoung Son, patient # 99 is a 23-year old female. She has rashes. No impressions found.	99.txt contains: History of Present Illness Chaeyoung Son, patient # 99 is a 23-year old female. She has rashes. No impressions found.	P
	3	User has no present symptoms and no impressions.	Symptoms.txt contains: 3 1 Headache Do you have a headache? (Y/N) 2 Rashes Do you have	3.txt contains: History of Present Illness Aaron Jardenil, patient # 3 is a 19-year old male. He has symptoms. No impressions	3.txt contains: History of Present Illness Aaron Jardenil, patient # 3 is a 19-year old male. He has symptoms. No impressions	P

				found.	found.	
			rashes? (Y/N) 3 Cough Do you have a cough? (Y/N) Impressions.txt contains: 2 1 Dengue 1 2 3 2 Flu 1 3 Name: Aaron Jardenil Patient Number: 3 Age: 19 Gender: M Do you have a headache?: N Do you have rashes?: N Do you have a cough?: N			