Name Team Grade	ENGR142 Grade Report: Programming HW			
		35		
	4S Total Points Possible Peter Jones Percentage Earned	44 79.55%		
Gradin	ig System Message(s) Individual Assignment G			
	Does flow diagram:	Pass	Part	Fail
	correct filename? a detailed and accurate description of the problem?	0 2	NA 1	-0.5
Correc	op an appropriate model for solving the problem? tly use the flow chart to illustrate the algorithm	2	1	0
	in an algorithm that is logical and solves the given problem? tly use a step by step example to demonstrate the execution of the algorithm	n. 2	1	0
	Subtot	_	_	10
	Does program:	Pass	Part	Fail
	correct filename? r data file name as only input?	0	NA NA	-0.5
Termir Open f	nate if input file does not exist?	0.5	0.5 NA	0
Extract	t header information from file? t all bottle data from file?	2	1.5	0
Calcula	ate measures of central tendency in separate function? ate measures of variation in separate function?	3	1.5 0.5	0
measu	It filler station ID, date and time info, batch number, number of samples, ires of central tendency and variation?	3	1.5	0
	it appropriate message if the mean is outside of tolerances? it appropriate message if more than 10% of bottles have less than 80z?	1	0.5 NA	0
	t barcode information and volume deviation for samples that exceed the vol-	ume 2	1	0
Close f		0.5	NA	0
	Subtot	al 15.0	of	19
Input	Test Case 1 Output	Pass	Part	Fail
	Batch 3 Samples: 15 Sample collected on 28-FEB-2003 at 15:15:15			
	Data collected for station (0A3A Barcodes and deviations of offending samples:			
	0A3A0001 0.10739 0A3A0002 0.12115			Part Fail
test1	0A3A0012 0.10612 Found 3 bottles outsize max range of +/- 0.1 oz. 0 bottles under 8oz (0.0E+0 percent)			
	Statistical data: Maximum= 0.12115 oz	1	0.5	0
	Minimum= 0.00419 oz Mean= 0.05655 oz Median= 0.05425oz			
	Found 1 mode(s) with 3 instances:			
	0.06815 oz Sample standard deviation= 0.03537 oz Data indicates machine requires re-calibration.			
	Test Case 2	Dage	Part	Fail
Input	Output Batch 6 Samples: 99 Sample collected on 06-MAR-2003 at 10:30:00	Pass		Fail
	Data collected for station 0A6A Barcodes and deviations of offending samples:			
	0A6A0010 0.11753 0A6A0015 0.11716			
	0A6A0033 0.12115 0A6A0036 0.11672 0A6A0041 0.11498			
	0A6A0055 0.11258 0A6A0069 0.11295			
	0A6A0070 0.11816			
test2	0A6A0090 0.12115	1	0.5	0
test2	0A6A0090 0.12115 Found 9 bottles outsize max range of +/- 0.1 oz. 0 bottles under 8oz (0.0E+0 percent)	1	0.5	0
test2	DA6A0090 0.12115 Found 9 bottles outsize max range of +/- 0.1 oz. 0 bottles under 8oz (0.0E+0 percent) Statistical data: Maximum= 0.12115 oz	1	0.5	0
test2	0A6A0090 0.12115 Found 9 bottles outsize max range of +/- 0.1 oz. 0 bottles under 50 (.0.0E+0 percent) Statistical data: Maximum= 0.12115 oz Minimum= 0.00419 oz	1	0.5	0
test2	OMAGOODO 0.2115 Found 9 bottles outsize max range of v/-0.1 oz. Obottles under face (.004-0 percent) Maximum 0.00419 oz Maximum 0.00419 oz Median 0.0070 oz Median 0.0070 oz Oddo 0.007	1	0.5	0
test2	OAAA0090 0.12115 Found 9 bottles outsize max range of v/-0.1 oz. Obottles under Exc (0.04°+0 percent) Startistica data: Startistica data: Minimum: 0.00119 oz Mediane: 0.00180 oz Mediane: 0.00782ec Found 1 modely outside 0.00782ec 0.00250 oz Sample startistical deviatione: 0.00500 oz Sample startistical deviatione: 0.00500 oz Sample startistical deviatione: 0.00500 oz	1	0.5	0
test2	OMAGOMO 0.2115 Found 9 bottles undate max range of 4/-0.1 oz. Obottles under Rest (0.04%) percent) Service of the control	Pass	O.5	Fail
	OMAGOMOD 0.12115 Found 9 bottles countier max range of +/-0.1 oz. O bottles under Box (0.04" o) percent) Statistics distance Statistics distance Statistics distance Statistics distance Minimum: 0.00419 oz Medium: 0.00510 oz Medium: 0.00510 oz Medium: 0.00510 oz Medium: 0.00580 oz Sample: standard deviation: 0.0050 oz Sample: standard deviation: 0.0050 oz Sample: standard deviation: 0.0050 oz Sample: olicitation manifest oz. oriflection Tent Cite 3 Sample: 0.004 Sample: 0.0			Fail
	OAAGOURO 0.12115 Found 9 bottles outsize max range of v/-0.1 oz. O bottles under Box (0.04°+0 percent) Scattlick data: Scattlick data: Minimum: 0.00419 oz Mediane 0.007830c Mediane 0.007830c Mediane 0.007830c Found 1 modely oz Mediane 0.005730c Sample states of evaluation 0.00550 oz Sample states of evaluation 0.00550 oz Sample states on makelia evaluation 0.00550 oz Sample states of evaluation 0.00550 oz Sample states of evaluation 0.00550 oz Sample collected on 0.04500 oz Sample collected			Fail
	OAAGOODO 0.2115 Found 9 bottles outsize max range of v/-0.1 oz. O bottles under East (0.05+0 percent) Statistica dista: Materium: 0.2115 or Materium: 0.2155 or Mat			Fail
	OMAGONOD 0.12115 Found 9 bottles outsize max range of 1/-0.1 oz. O bottles under Box (0.054 o) percent) Substitute data: Substitute data: Substitute data: Substitute data: Minimum: 0.00419 oz Medium: 0.007830c Medium: 0.007830c Found 1 modelly with 30 instances: Found 1 modelly with 30 instances: Found 1 modelly with 30 instances: Substitute 1 oz. 10 instances: Substit		Part	Fall
Input	OAAAOOO 0.12115 Found 9 bottles outsize max range of v/-0.1 oz. O bottles under East (0.054 o percent) Startistic data: Interest of the Control of the Cont	Pass		ran
Input	OnAGONDO 0.12115 Through S bottles outsize max range of 4 /- 0.1 oz. Obottles under Seot (.064-0 percent) Maximum - 0.1215 oz. Minimum - 0.00419 oz. Medium - 0.00419 oz. Sample standard deviation - 0.0050 oz. Discussioni - 0.00409 oz. Discussioni - 0.00409 oz. Barch: 50 Samples - 0.00409 at 114220 Sample - 0.00409 oz. Barch: 50 Samples - 0.00409 at 114220 Sample - 0.00409 oz. Barch: 50 Samples - 0.00409 at 114220 Samples - 0.00409 at 1	Pass	Part	ran
Input	00A60090 0.12115 Found 9 bottles outsize max range of v/-0.1 oz. 0 bottles under Box (0.04°+0 percent) Statistics data: Statistics data: Minimum: 0.00419 oz Mediane 0.06783ez Found 1 model; with 30 instances: 0.0226 oz Mediane 0.06783ez Found 1 model; 0.0050 oz Mediane 0.06783ez Found 1 model; 0.0050 oz Text Case 3 Output Sample: collected on 02-MAN(2008 at 1142:00 Batch: 50 Sample:	Pass	Part	ran
Input	OAA0009 0.12115 Found 9 bottles undiste max range of v/-0.1 oz. Obottles under face (0.04% o peccent) Maximum - 0.01150 oz. Maximum - 0.02150 oz. Maximum - 0.02150 oz. Maximum - 0.02150 oz. Maximum - 0.02150 oz. Maximum - 0.02782cc Sample standard deviation - 0.00050 oz. Dozpete Batch: 50 Samples: 23 Sample collected on 0.02468 oz. Sample standard deviation - 0.0268 oz. Dozpete Batch: 50 Samples: 23 Sample collected on 0.02468 oz. Samples: 23 Sample collected on 0.02468 oz. Ostpete Batch: 50 Samples: 23 Samples: 23 Sample collected on 0.02468 oz. Samples: 23 Sample collected on 0.02468 oz. Samples: 23 Samples: 24 Sam	Pass	Part	ran
Input	OnAGO/000 0.12115 Found 9 bottles outsize max range of 4/-0.1 oz. O bottles under Box (0.04* o) percent) Substitisch der Substitisch der Substitisch der Medium 0.067810 or Sample standard deviation 0.06780 or Text Cite 2 Sample standard deviation 0.06780 or Text Cite 2 Sample outside standard deviation 0.06780 or Text Cite 2 Sample outside standard deviation 0.06780 or Data solicit and machine analysis or or effection Sample outside standard deviation 0.06780 or Sample outside outside standard deviation 0.06780 or Sample outside s	Pass 1	0.5	0
Input	OnAGONDO 0.12115 Found 9 bottles undiste max range of 4/-0.1 oz. 0 bottles under Ber (1,004-0) percent) Spraud 9 bottles under Ber (1,004-0) percent) Makelmann - 0.1215 oz Minimann - 0.00419 oz Mediann - 0.007820c Mediann - 0.007820c Sample standard deviation - 0.00780 oz Concell modelly with 20 instances: Sample standard deviation - 0.00780 oz Concell modelly oz. Sample standard deviation - 0.00780 oz Concell modelly oz. Sample standard deviation - 0.00780 oz Concell modelly oz. Sample standard deviation - 0.00780 oz Concell modelly oz. Sample collected on 0.24MAR 2008 at 1142.00 Data collected for station 0.018 Sarcodes and deviations of offending samples: On480003 0.2222 On480003 0.00580 On480003 0.10607 Found 4 bottles outsite max range of 4/-0.1 oz. Makelman - 0.0281 oz. Makelman - 0.0281 oz. Makelman - 0.0281 oz. Makelman - 0.0281 oz. Mediana - 0.0015 oz. Mediana - 0.0015 oz. Mediana - 0.0015 oz. Sample standard deviation - 0.0813 oz. Data indicates machine requires re- colibration. Text Cone 4 United Standard deviation - 0.0813 oz. Data indicates machine requires re- colibration.	Pass	Part	ran
Input test3	OAAA0009 0.12115 Found 9 bottles undiste max range of 4/-0.1 oz. 0 bottles under face (0.04% percent) Service of the control	Pass 1	0.5	0
Input	OnAGONDO 0.12115 Found 9 bottles undate max range of 4/-0.1 oz. 0 bottles under Ber (1,004-0) percent) John 10 bottles under Ber (1,004-0) percent) Mediamen 0.00119 oz Mediamen 0.001310 oz Mediamen 0.0078282 Mediamen 0.0078282 Sample standard deviation 0.001800 oz Constandard ozer Mediamen 0.0078282 Sample standard deviation 0.001800 oz Constandard ozer Mediamen 0.0078282 Sample collected on 0.02 Mediamen 0.007828 Sample collected on 0.02 Mediamen 0.007828 Sample collected on 0.02 Mediamen 0.02830 oz Constandard ozer Mediamen 0.02848 x 114200 Data collected for station 0.018 Barcoles and deviations of offereding samples: 0.028302 0.028302 0.028302 0.028302 0.028302 0.038302 0.038302 0.038303 0.03	Pass 1	0.5	0
Input test3	OMADOMO 0.12115 Found 9 bottles undate max range of 4/-0.1 oz. O bottles under Box (0.04* o) percent) Substitist data: Substitist data: Minimum: 0.00419 oz. Medium: 0.00730 oz. Medium: 0.00730 oz. Medium: 0.00730 oz. Medium: 0.00730 oz. Sample: 1.00700 oz. Sample:	Pass 1	0.5	0
Input	OnAGONDO 0.12115 Tourist 9 bottless outsize max range of 4/-0.1 or. Obottles under Sect (0.64-0 percent) Obottles under Sect (0.64-0 percent) Maximum - 0.012150 or Medium - 0.001310 or Medium - 0.00130 or Text Cest 3 Sample collected or 0.0010 or Medium - 0.00130 or Multiple of 0.0010 or Medium - 0.00130 or Medium - 0.0016	Pass 1	0.5	0
Input test3	OnAGONDO 0.12115 Found 9 bottles undate max range of 4/-0.1 oz. 0 bottles under Bare (1,004-0) percent) Symbol 1 bottles under Bare (1,004-0) percent) Maciliams 0.00419 oz Mediams 0.00519 oz Mediams 0.00519 oz Mediams 0.005200 Mediams 0.005200 Sample standard deviation 0.00500 oz Control modelly with 20 instances: Sample collected on 0.00500 oz Control modelly ozo ozo ozo ozo ozo ozo ozo ozo ozo oz	Pass 1	0.5	0 Fail
Input test3	OAAAOOO 0.12115 Touris 9 bottles outsize max range of 4/-0.1 or. Obottles under Sec (1,084-0 percent) Obottles under Sec (1,084-0 percent) Makimum - 0.01215 or. Minimum - 0.0013 or. Mediane 0.0013 or. Text Ces 3 Sample standard deviation-0.0013 or. Dispay of the standard deviation or. Text Ces 3 Sample colored on OAAAAA 2008 at 11.42.00 OABAS or. Sample standard deviation on OBILIDo: OaAAAAA Colored on OAAAAA 2008 at 21.29.00 Data undicates machine requires coloration. Text Ces 4 Sample colored on 27.418.2008 at 21.29.00 OABAS or. Sample colored on 27.418.2008 or. Sample co	Pass 1	0.5	0 Fail
Input test3	OAA60090 0.12115 Found 9 bottles undrise max range of v/-0.1 oz. Obottles under Box (1,004-0 pecent) Adminisms 0.00419 or Maximum 0.00419 or Maxi	Pass 1	0.5	0 Fail
Input test3	DIAGONOS 0.12115 Found 9 bottles undrise max range of v/-0.1 oz. Obottles under Seot (.004*o) percent) Maximum - 0.1215 oz. Minimum - 0.00419 oz. Mediam - 0.00510 oz. Sample standard deviation - 0.0050 oz. Text Cest 3 Sample collected on 0.02408 2008 at 11.4200 Data collected for 1.02408 2008 at 11.4200 Data landard foundation - 0.0150 oz. Maximum - 0.0250 oz. Mediam - 0.0256 oz. Mediam - 0.0056 oz. Mediam - 0.0056 oz. Mediam - 0.0056 oz. Data indicates machine requires er celloration. Text Cest 4 Data collected for 1.27 FEB 2008 at 21.29.00 Data indicates machine requires er celloration. Text Cest 4 Maximum - 0.0251 oz. Sample standard deviation - 0.0151.02 Data indicates machine requires er celloration. Text Cest 4 Data collected for 1.27 FEB 2008 at 21.29.00 Maximum - 0.27 FEB 2008 at 21.29.00 Maximum - 0.005 oz. Mediam - 0.005 oz.	Pass 1	0.5	0 Fail
Input test3	Obacomos 0.2115 Chaud 9 bottles undiste max range of 4/-0.1 or. 0 bottles under face (0.04%) percent)	Pass 1	0.5	0 Fail
Input	DIAGONOS 0.12115 Found 9 bottles undrise max range of v/-0.1 oz. Obottles under Seot (.004*o) percent) Maximum - 0.1215 oz. Minimum - 0.00419 oz. Mediam - 0.00510 oz. Sample standard deviation - 0.0050 oz. Text Cest 3 Sample collected on 0.02408 2008 at 11.4200 Data collected for 1.02408 2008 at 11.4200 Data landard foundation - 0.0150 oz. Maximum - 0.0250 oz. Mediam - 0.0256 oz. Mediam - 0.0056 oz. Mediam - 0.0056 oz. Mediam - 0.0056 oz. Data indicates machine requires er celloration. Text Cest 4 Data collected for 1.27 FEB 2008 at 21.29.00 Data indicates machine requires er celloration. Text Cest 4 Maximum - 0.0251 oz. Sample standard deviation - 0.0151.02 Data indicates machine requires er celloration. Text Cest 4 Data collected for 1.27 FEB 2008 at 21.29.00 Maximum - 0.27 FEB 2008 at 21.29.00 Maximum - 0.005 oz. Mediam - 0.005 oz.	Pass 1	0.5 Part	0 O
Input test3 Input	OAAA0009 0.12115 Found 9 bottles unditize max range of √ .0.1 oz. 0 bottles under face (0.04°+0 percent) Service of the control of the cont	Pass 1	0.5 Part	0 Fall
Input test3 Input test4	Disablosis 0.12115 Found 9 bottles undate max range of 4/-0.1 oz. O bottles under Bard (Dut's) percent) James 1.00 percent 1.00 perc	Pass 1 Pass 1 Pass Pass Pass Pass Pass Pass	Part 0.5 Part NA of Part	0 Fall 0 5 Fall
Input test3 Input test4 Input test5	OAAA0009 0.12115 Found 9 bottles undiste max range of 4/-0.1 or. Obottles under Sec (1,084-0 pecent) Obottles under Sec (1,084-0 pecent) Makimum - 0.12155 or. Minimum - 0.00139 or. Mediane 0.001780a Mediane 0.00180a Text Cee 3 Output Batch: 50 Samples 23 Sample 0.00180a Mediane 0.00180a	Pass	Part Of Part NA	0 Fall 0 5 Fall 0 1 F
Input test3 Input test4 Input test5 Have c Appea	Obacomo D. 0.12115 Found 9 bottles undrise max range of 4/-0.1 or. Obottles under Sec (1,084-0 percent) Maximum - 0.01215 or. Minimum - 0.001319 or. Mediann - 0.00130 or. Sample standard deviation - 0.0005 or. Text Ces 3 Sample standard deviation - 0.00150 or. Batch: 50 Samples: 23 Sample collected on 0.0040 at 11:42:00 Data collected on 0.0050 or. Maximum - 0.2239 or. Maximum - 0.2239 or. Mediann - 0.0035 or. Mediann - 0.0036 or. Data collected on 27:469:2008 at 21:29:00 Data collected on 27:469:2008 at 21:29:0	Pass : : : : : : : : : : : : : : : : : :	Part 0.5 Part NA of Part	0 Fall 0 5 Fall 0.5
Input test3 Input test4 Input test5	OAA0009 0.12115 Found 9 bottles undrise max range of y'-0.1 or. Obottles undrise face (1,084-0 percent) Obottles under face (1,084-0 percent) Maximum - 0.1215 or Minimum - 0.0019 or Mediane 0.	Pass 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Part Of Part NA	0 Fall 0 5 Fall -0.5 0 0 0 Fall 0
Input test3 Input test4 Input test5	Obacology 0.12115 Found 9 bottles undiste max range of 4/-0.1 oz. Obottles under Sec (1.084-0 percent) Description of the College of the C	Pass : :	Part Of Part NA	0 Fall 0 5 Fall 0.5
Input test3 Input test4 Input test5 Appea Discus	Oback0000 0.12115 Found 9 bottles undiste max range of +/-0.1 oz. 0 bottles under Sec (1,084-0 percent) Security 9 bottles under Sec (1,084-0 percent) Makelmann - 0.0513 oz Mediann - 0.05782ez Mediann - 0.05782ez Mediann - 0.05782ez Sample standard deviation - 0.0500 oz Control - 0.0256 oz Sample standard deviation - 0.0500 oz Sample standard deviation oz - 0.0500 oz Sample standard deviation oz - 0.0500 oz Sample standard deviation oz - 0.0500 oz Makelman - 0.0250 oz Sample standard deviation - 0.0813 oz Sample	Pass 2 2 2 2 1 10.0	Part NA A NA N	0 Fall 0 5 Fall 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

I don't think the data was read into the file correctly which threw off everything else