

Document contains necessary test cases to complete development of the ASC program and to deliver application into production with 0% of post production defects

JUnit4 TestCase Name	Test Cases Description	Input File Name	Ending character as Sentence Delimiter (if not provided in the user input - Default ".! , , ?")	Word Length (if not provided in the user input- Default = 2)	Delimiter between words in Sentence. (if not provided in the user input preceded by -d switch - Default " ")	Minimum length of word in sentence provided by user > 3)	Total number of words in text file	Expected Output for total no. of sentences in text file	Expected Output for Average number of words	Did test pass (Yes/no)	Comments
Regular format of calling file from the command prompt with all arguments supplied	User shall enter on command line arguments name of directory and file name, -d followed by sentence delimiter(s) and -s followed by word length	multi.txt	Default	NA	"/%"	3	12	6	2	yes	
Regular format of calling file from the command prompt with all arguments supplied		file.txt	Default	NA	"/%"	3	1	1	1	yes	
Regular format of calling file from the command prompt with all arguments supplied		numbers.txt	Default	NA	"/%"	5	6	1	6	yes	
Regular format of calling file from the command prompt with all arguments supplied		essay.txt	Default	NA	"/%"	6	148	43	3	yes	
Computing Average Number of Words with different input files and using varieties of attributes	User shall enter on command line arguments name of directory and file name	multi.txt	Default	Default	Default	NA	12	2	6	Yes	Successful padded test 'it.' is meeting default minimum word length criteria
Computing Average Number of Words with different input files and using varieties of attributes	User shall enter on command line arguments name of directory and file name (checking for file with no end sentence delimiter)	file.txt	default	default	Default	na	1	1	1	yes	Successful even there is no end sentence punctuation file without ending punctuation considered as one sentence
Computing Average Number of Words with different input files and using varieties of attributes	User shall enter on command line arguments name of directory and file name	essay.txt	Default	Default	Default	NA	458	43	10	yes	Successful
Computing Average Number of Words with different input files and using varieties of attributes	User shall enter on command line arguments name of directory and minimum word length 5	essay.txt	Default		5 Default	NA	217	43	5	Yes	successful
Computing Average Number of Words with different input files and using varieties of attributes	If there is no ending sentence then considered as one sentence	numbers.txt	Default		1 " / "	NA	9	1	9	Yes	
Computing Average Number of Words with different input files and using varieties of attributes	User shall enter on command line arguments name of directory and minimum word length 5	essay.txt	Default		5 " &/ "	NA	217	43	5	Yes	
Computing Average Number of Words with different input files and using varieties of attributes	User shall enter on command line arguments name of directory and minimum word length 5	multi.txt	Default		5 "/% "	na	6	2	3	yes	
Computing Average Number of Words with different input files and using varieties of attributes	User shall enter on command line arguments name of directory and minimum word length 6	essay.txt	Default		6 " "	na	148	43	3	Yes	
Computing Average Number of Words with different input files and using varieties of attributes	User shall enter on command line arguments name of directory and minimum word length 1	numbers.txt	Default		1 "/ "	na	10	1	10	Yes	
Computing Average Number of Words with different input files and using varieties of attributes	User shall enter on command line arguments name of directory and minimum word length 1	numbers.txt	Default		1 " "	na	4	1	4	Yes	
Computing Average Number of Words with different input files and using varieties of attributes	User shall enter on command line arguments name of directory and minimum word length 2	essay.txt	Default	na	" %"	default	458	43	10	yes	
Computing Average Number of Words with different input files and using varieties of attributes	User shall enter on command line arguments name of directory and minimum word length 3	numers.txt	Default		4 " / "	na	8	1	8	yes	
Check for Warning Message	User will receive a warning if he typed wordy sentences	long.txt	Default						Warning: You used	yes	

Check for using not valid parameters					-s " "		-f 5		Progam shall work fine , ignored the invalid paramters and use -d and -l as default " " and 3	yes	
Check for not valid file name	enter non existing file Sun.txt								Please Enter valid file name	yes	