

Assignment 1 Test cases

Problem 1

Test case	Input	Output
1*	./1.sh tale ebook.txt	3 TALE3 2 Tale
2*	./1.sh time ebook.txt	30 time 10 times 3 Sometimes 1 lifetime 1 oftentimes 1 sentiment 1 sometimes
3*	./1.sh jerry ebook.txt	14 Jerry
4*	./1.sh pokemon ebook.txt	
5	./1.sh ShIne ebook.txt	1 sunshine
6	./1.sh greAt ebook.txt	19 great 2 greater 1 Greatly 1 Greatnesses 1 greatly
7	./1.sh sky ebook.txt	2 sky 1 husky
8	./1.sh sci welcome.txt	5 Science 1 discipline 1 science 1 scientists
9	./1.sh an welcome.txt	11 and 4 can 2 an 1 CHANGE 1 any 1 elegant 1 human 1 language 1 mechanical 1 than 1 want
10	./1.sh t welcome.txt	14 the 9 to 6 computer 5 Computer 5 To

		5 that 3 write 2 The 2 study 2 system 2 their 2 what 2 with 1 Department 1 Students 1 Their 1 Turing 1 algorithm 1 application 1 beat 1 best 1 birth 1 computability 1 computation 1 computed 1 concept 1 construct 1 correct 1 creation 1 devoted 1 difficult 1 digital 1 earthquake 1 elegant 1 foundations 1 history 1 implementation 1 influential 1 information 1 instructions 1 interest 1 invention 1 list 1 matches 1 mathematical 1 most 1 motivation 1 predates 1 scientists 1 stocks 1 studying 1 systems
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		1 tasks 1 testify 1 than 1 theoretical 1 tsunami 1 visit 1 want
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Problem 2

Test case	Input	Output
1*	4512345678901234	The number 4512345678901234 is valid.
2*	4512345678901235	The number 4512345678901235 is invalid.
3*	1234567890123456	The number 1234567890123456 is invalid.
4*	1234567890123452	The number 1234567890123452 is valid.
5	1010010100100101	The number 1010010100100101 is valid.
6	6135449608321927	The number 6135449608321927 is valid.
7	5154000000000003	The number 5154000000000003 is valid.
8	9999999999999999	The number 9999999999999999 is invalid.
9	4992739871642388	The number 4992739871642388 is invalid.
10	3762477030624000	The number 3762477030624000 is invalid.