

Instituto Tecnológico y de Estudios Superiores de Monterrey

TC4017.10 Pruebas de software y aseguramiento de la calidad

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Actividad 4.2 Ejercicio de programación 1

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Resultados

Ejercicio de programación 1: Compute statistics

TC1.txt

(venv) PS D:\TEC DE MONTERREY MATERIAS\PRUEBAS DE SOFTWARE Y ASEGURAMIENTO DE LA CALIDAD\A00822314_A4.2> >> python compute_statistics.py TC1.txt											
Count	Valid	Mean	Median	Mode	Standard deviation	Variance					
400	400	242.32	239.5	N/A	145.25810683056557	21152.79959899749					
+++++++											

TC2.txt

	(venv) PS D:\TEC DE MONTERREY MATERIAS\PRUEBAS DE SOFTWARE Y ASEGURAMIENTO DE LA CALIDAD\A00822314_A4.2> >> python compute_statistics.py TC2.txt										
Count	++++ Count Valid Mean Median Mode Standard deviation Variance										
1977	1977	'	' '		144.17131868884059	20795.88804398353					
Execution	+++++ Execution time: 0.002681970596 seconds										

TC3.txt

TC4.txt

TC5.txt

TC6.txt

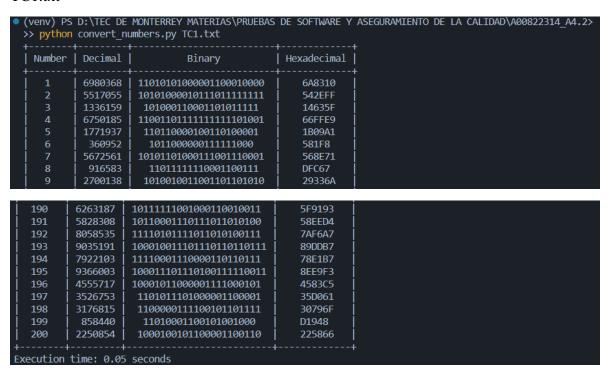
	venv) PS D:\TEC DE MONTERREY MATERIAS\PRUEBAS DE SOFTWARE Y ASEGURAMIENTO DE LA CALIDAD\A00822314_A4.2> > python compute_statistics.py TC6.txt										
Count	Valid	Mean	Median	Mode	Standard deviation	Variance					
3000	3000	1.8790659927977473e+20	1.88008049965543e+20	N/A	1.0738205017381e+20	1.1534749616069338e+40					
Execution	execution time: 0.364662885666 seconds										

TC7.txt

>> python of the follows:	(venv) PS D:\TEC DE MONTERREY MATERIAS\PRUEBAS DE SOFTWARE Y ASEGURAMIENTO DE LA CALIDAD\A00822314_A4.2> >> python compute_statistics.py TC7.txt The following element is not a number: ABBA The following element is not a number: ERROR										
Count \	Valid	Mean	Median	Mode	Standard deviation	Variance					
12769	12767	2.474673954997149e+20	2.4664097307429e+20	N/A	1.4460564700984703e+20	2.091243115380632e+40					
Execution	:++++										

Ejercicio de programación 2: Converter

TC1.txt



TC2.txt

(venv) PS	D:\TEC	DE MONTERREY	MATERIAS\PRUEBAS D	E SOFTWARE	Y ASE	EGURAMIENTO	DE L	A CALIDAD\A00822314_A4.2>
>> python	convert	_numbers.py 1	C2.txt					

Number	Decimal	Binary	Hexadecimal
+	!	 	!
1	7116776	110110010010111111101000	6C97E8
2	1666340	110010110110100100100	196D24
3	8886983	100001111001101011000111	879AC7
4	839365	11001100111011000101	CCEC5
5	924280	11100001101001111000	E1A78
6	1026310	11111010100100000110	FA906
7	1615293	110001010010110111101	18A5BD
8	1063875	100000011101111000011	103BC3
9	679035	10100101110001111011	A5C7B

190	1932131	111010111101101100011	1D7B63			
191	8052752	111101011110000000010000	7AE010			
192	6359493	11000010000100111000101	6109C5			
193	1967646	111100000011000011110	1E061E			
194	6575052	11001000101001111001100	6453CC			
195	2323342	1000110111001110001110	23738E			
196	6735760	11001101100011110010000	66C790			
197	8895858	100001111011110101110010	87BD72			
198	4238091	10000001010101100001011	40AB0B			
199	7093069	11011000011101101001101	6C3B4D			
200	39	100111	27			
+	+					
Execution time: 0.04 seconds						

TC3.txt

(venv) PS D:\TEC DE MONTERREY MATERIAS\PRUEBAS DE SOFTWARE Y ASEGURAMIENTO DE LA CALIDAD\A00822314_A4.2>>> python convert_numbers.py TC3.txt

Number	Decimal	Binary	Hexadecimal
+ 1	+ -39	 1111011001	FFFFFFD9
2	-36	1111011100	FFFFFFDC
j 3	8	1000	8
4	34	100010	22
5	17	10001	11
6	49	110001	31
7	5	101	5
8	39	100111	27
9	0	0	0

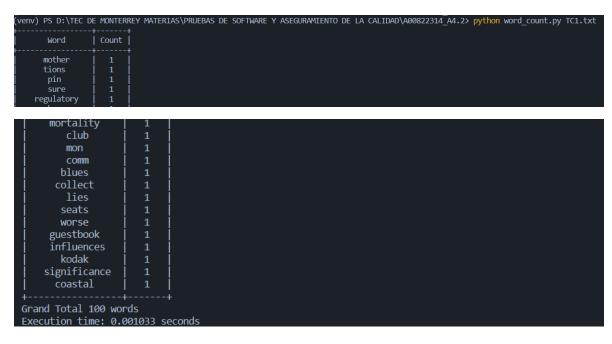
190	47	101111	2F	
191	47	101111	2F	
192	-13	1111110011	FFFFFFF3	
193	-32	1111100000	FFFFFFE0	
194	1	1	1	
195	1	1	1	
196	-25	1111100111	FFFFFFE7	
197	-33	1111011111	FFFFFDF	
198	16	10000	10	
199	17	10001	11	
200	4	100	4	
+	 -	+		
Execution	Execution time: 0.07 seconds			

TC4.txt

>> python The follow The follow	convert_nu ving elemer ving elemer	MONTERREY MAT umbers.py TC4. ut is not a nu ut is not a nu ut is not a nu	txt mber: ABC mber: ERR	DE SOFTWARE Y ASEGURAMIENTO DE LA CALIDAD\A00822314_A4.2>
Number	Decimal	Binary	Hexadecimal	
1 1	 39	1111011001	FFFFFFD9	
i -	-36	1111011100	FFFFFFDC	
i ā	8	1000	8	
4	34	100010	22	
j 5	17	10001	11 j	
6	49	110001	31 j	
j 7 i	5	101	5 j	
8	ABC	#VALUE!	#VALUE!	
9	0	0	0	
_				
31	33	100001	21	
32	29	11101	1D	
33	26	11010	1A	
34	-5	11111111011	FFFFFFB	
35	-36	1111011100	FFFFFFDC	
36	12	1100	C	
37	45	101101	2D	
38	-50	1111001110	FFFFFFCE	
39	0	0	0	
40 41	-6 VAL	1111111010 #VALUE!	FFFFFFA #VALUE!	
41	VAL	#VALUE!	#VALUE!	
Execution	n time: 0.0	1 seconds	T	

Ejercicio de programación 3: Count Words

TC1.txt



TC2.txt

Word	Count			
conduct	-++ 1			
kuwait	i <u>i</u> i			
literacy	j 1 j			
table	j 1 j			
parent	i 1 i			
olympic	1 1			
ht	1 1			
algebra	j 1 j			
lease	4			
•	'			
biz	1 1			
form	1 1			
feeding	1 1			
rentals	1			
practical	1			
steve	1			
serious	1			
mens	1			
faculty	1			
initiative	1			
variety	1			
ion	1			
interface	1			
remained	1			
icons	1			
excessive	1			
jon	1			

TC3.txt

I CJ.IAI		
(venv) PS D:\TEC I	DE MONTER	RREY MATERIAS\PRUEBAS DE SOFTWARE Y ASEGURAMIENTO DE LA CALIDAD\A00822314_A4.2>
>> python word_co		
t Word	+ Count	
Word +	Count ++	
neighbors	i 1 i	
manual	j 1 j	
political	j 1 j	
mozambique	j 1 j	
old	j 1 j	
holding	İ 1 İ	
fc fc	i 1 i	
ford	i 1 i	
comparable	j 1 j	
industries	j 1 j	
antiques	j 1 j	
waste	j 1 j	
voice	j 1 j	
blond	j 1 j	
į z	i 1 i	
flood	j 2 j	
enables	i 1 i	
feels	i 1 i	
validity	i 1 i	
midnight	j 1 j	
:		
purchases	1 1	
insert	1 1	
improving	i 1	
devil	1	
dodge	1	
cables	1	
std	1	
create	1	
nipples	1	
jane	1	
holmes	1	

TC4.txt

(venv) PS D:\TEC [>> python word cou	DE MONTER	RREY MATERIAS\PRUEBAS DE SOFTWARE Y ASEGURAMIENTO DE LA CALIDAD\A00822314_A4.2>
+	ипс.ру то ++	4.1.1.1
Word	Count	
disciplinary	++ 1	
continues		
literally		
ringtone	2	
parameter	i <u>1</u> i	
shift	i <u>1</u> i	
enhancement	i 1 i	
i man	i 1 i	
i za	i 2 i	
starring	i 1 i	
cashiers	i 1 i	
maria	i 1 i	
began	. <u> </u>	
incredible	1	
racks	1	
innocent	1	
campaigns	1	
christina bulletin	1 1	
	1 1	
synthesis		
so commerce		
offensive		
updating	1	
interaction	1	
received	1 1	
l ma	1 1	
hdtv	1 1	
rates	1	
powerful	i 1 i	
was	i 1 i	
computing	j 1 j	
cells	j 1 j	
contained	j 1 j	
replaced	j 1 j	
calling	1	
mailman	1	
extent	1	
corpus	1	
sv	1	
wishlist	1	
expired	1	
circular	1	
Grand Total 1000	+ words	
Execution time: 0		seconds
ZACCUCION CINE. 0	1004000 3	-

TC5.txt

(venv) D:\TEC DE MO	ONTERREY MATERIAS\PRUEBAS DE SOFTWARE Y ASEGURAMIENTO DE LA CALIDAD\A00822314_A4.2>python word_count.py TC5.tx
Word	Count
loaded	2
wilderness	
specify	2
cole	1
telecom	1
earliest	2
uniprotkb	1
retailer	j 3 j
acquired	1
reasoning	2
breathing	1
ozone	
hz	1
consequences	1
volume	2
i :	

	recipe	1
	spectacular	1
	regulated	1
	richards	1
	moved	1
İ	minute	1
i	peak	1
i	mods	1
i	philosophy	1
i	lc	1
i	throw	1
	lifestyle	1
i	whats	1
i	microsoft	1
i	mail	2
i	tom	1
i	proc	1
i	nano	1
i	letters	1
i	sri	1
i	tests	1
i	proceeds	1
i	seo	1
i	pounds	1
	suggesting	1
	texas	1
i	postposted	1
i	realty	1
i	vaccine	1
i	relocation	1 1

Execution time: 0.012940 seconds