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h -	A Gignment -5
han	with the things of the Break of the state of
30	· Title: Write an ALP to find
	a) No. of blank spaces
	b) No of and enters.
1	Occurance of particular character:
1	The River of the South of the S
();	Problem: write an ALP to find no of blank spaces no of enters and occurance of a particular characte
	no of enters and occurance of a particular characte
	Accept data from tent file. The tent file
4	has to be accessed during Program I execution
1	and write far procedures in program 2-for
	the rest of program. Use of entern and global directures is mandatory.
	global autaines of manalating.
	Objectives: To understand how to implement
1. 1	rear and far procedures
1 1873	Jan
1	Outcomes: Students will study near and far
	procedures and their application.
1 3	mes - 1 1 1 - hour le le - 1 1 1 - hour
7	Theory:
	Procedures:
	They are very important in assembly languages as the programs tind to be large in size. They are identified by
	languages as the programs tend to be
	name.
1	Procedures
	Near Procedure For Procedure.
	The is not the contract of the

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	Date: 1 1
•	A near procedure refers a procedure which
	is the same code segment. A far procedure
	is the same code segment. A far procedure refers a procedure which is is different
4	code segment.
	and a least to the little to the least to th
A	Fair Procedures
1	The procedures which is in different
1.59 - L.	code segment is called as far procedures we
	use global and extern directives for
- ~); 4]	implementing far procedure.
	I we have the transfer of the same of the
- 1/2	Opening tent file.
L'arri	A STATE OF THE CONTRACT OF THE PARTY OF THE STATE OF THE
	mor ran, 2 ; open systall
-	mor rdi, frame; file name
- andone	mov rsi, 2 o -> read only
	mor rdn, 0777
, ,	Syscall. 2 -> read/write only
	and a his object the built is some this
	Children 10777 Front Mars 7: 111
1	werexecute
T Ada	group write
	Zunnill 1
1	Reading text file
	this to French with the second of the second
	mor ran, o
	mov roli, lfd)
	mor rsi, buffer
	mor ran, lin

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	Algorithm:			
()	Start			
2	Open text file			
P)	If file opening terminates print "can't open file			
4)	If the opening successful read contents of tile			
Ś)	If file opening terminates, print "can't open file If file opening successful read contents of file Store content of file in buffer and length			
	of text file in length var.			
6)	Call enter, space, occurrence procedures.			
0 7	Exit.			
Y.				
	Procedures for enter and space.			
	a that a the second of the sec			
)	Start			
2)	Store the buffer and lan in registers			
3)	Compare buffer with DAH for enter and 20 M:			
/	Spa ces.			
4)	If equal, increment the court.			
5)	Increment osi			
00	Pecnement length counter Exit.			
	Enit.			
	Procedure for occirence.			
	Le resultation de marte de la			
1)	Start 1			
2)	Take the character i/p whose occurance you			
	want to find.			
	Compare it with buffer			
<u>ų)</u>	If Equal, increment the count.			
5)	Increment rsi.			
6)	Decrement les counter			

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7)	Enit.	met by No.	The second
4	Test Cases	4	f i '-
	Often and the second	alt le le ger	
	Tentfile: (abc. txt)	1 1 1 7 7	
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	Pune. Want	to the b	, ny
	and many in the second	my rill	
	Description Expected	Actual	Result •
t.	No. of enters 3	Same or	Pass.
	in file	expected	
1			· · · · · · · · · · · · · · · · · · ·
2.	No. of spaces 5	Same a	s Pass
	in file	empected	•
	m 1 0		0
3.	Occurance of 3	Same	
4	P &	en pet	ed
		Theres ?	
2 · b	C 1		
A.	Conclusion:	1.13	1 [*
	We have st	indied near	r and far
	procedures with their barnt file handling	application	ns. We also
01	barn fre handling	using	HCP.
(**			
			*
		The state of the s	
10			
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	The same of the sa		