





Academic Year	Module	Assessment Number	Assessment Type
S20	Introductory Data Structures and Algorithms (DipIT02)	A1	Assignment Submission

## [Assignment Submission]

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Section : [DC8]

Module Leader : [Mr. Prakash Gautam]

Submitted on : 06-03-2020





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		Tulonal - 8 _ 1
	1-)	We can divide lag 2 (.n) number by ?
	17	we con divide lag 2 (.n) number by ?
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-	(-)	The word cose fine for sequential search for
		Sinding on alement in an array is linear time.
	g:	Droy must be suited be for binary score h
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	92	Two ordings with diffrent date keys have the
		Same geach host value.
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19 15°69 = 6 Noini	19.
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17 17:19 = 8 1	
10 10/9-1 5 5	
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8-) Hacking is a scorp fochique that	
rely on the concept of hosh table	
we provide key to a host sunction to	
generate host volue.	
Sterr, Assume that we have the	
following how dunchun	
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Gry (x): 23,56,72,39,48,986,13	
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10.	
103	Sola, Plow - L Bound
	Do while ilow C=iHigh
	imiddh = (ilow littigh)/2
	il joider = Dojo vuod (Wigge) 1400
	provide True
	Prof Torger Chora Array (imidale) Then i Migh = (imidale - 2)
	i high = (i middle - 1)
	i Low = fimiddle 12)
	End if loop.





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	Tutorial-8-7
1a).	: Solehan incor I robing.
	Hous / h(k)= K x 7 / 1101/2 100/c
	19 19 0/7 = 5
	26 26%7=5 1 48 13 13°67=6 2
	48 4823-6 3 17
-	17 1747-3 4
/	5 2 (9)
	6 76
1-1-	Order by clements: 13,48, _,17, _,19,26
(-1	
5)	19 h(k)-k°/7   Separate choiring 19 194.7-5   Rosh toble.
	19 194.7-5 Hash toble.
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	117	117 /11:7
	97	97411-9113
	1000	100611=1
	1,4	1140/11= 4
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