

	dssignment No. 1
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• >	Big dala Charateristico
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1) Volume eg: facebook can generate approximately a killian
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OTP I online fransaction percessing) ayétem cire built to work with nom: - when true built about 2 i work of table



Unstancture d'ada: d'11 the unstancture d'alles des long files, audio files. I mage file aire meledal in the rendenduced data down organization shave such duta available but they did not know those to deve the duta since the dut de same Qualis atautused data: the data formate contains data us the inconsistant data to mate that are formated with that and time with some took eg: Wele sorver logs is the dog ful is created & nowthand by some series that contains a list of activities. Veracity Veracity meens how such the data is reliable. It has many vocays filter or translate the data Varuety is the process of being able to handle to manage data affire entire Big data in also essential in business development. eg:- facabook posts with hastage Value is an essential characteristic of Big dada.

It is not the data that we process or estar.

At is valuable and reliable data that we store

process t als o analy 20

5) Velocity: velocity plays an emportant role compared to others.
velocity crotes the speed by which the data is exclection
oreal time I contain the tenking at incoming data sets aspects of Big descripte provide demending data sapadly Bry data velocity deals with the speed at the I data thous from sources like application; logs Business pao cess returoch d'exocial modia estre vensus mobile Hadoop dachetecter: Hadoop & an open sauce framework from apach Hadour in an open source grammager, gram for and in used to school process of analyse the data when are very high in volume Naclose is within in Jou a see not of the for John In Jou a stand from Joseph ing of acabouts, John Joseph. I is used by wellow of acabouts, John Joseph. Modeles mof Madoopting andone ADF-S: - Hadoop clisteributed file xyelem ljoogle

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that the file will be broken unto blocks list wood in nodes. The disher buted cerchetecture



Yarn: Yet cenather Responent Nogatiator å used frerjoh Bechderling & nanage the duster distributed you built 2904 ale 1 weeks out on Nap Roduce :- this is a framework which helps with gave program to do in the parallel computations endata using key value pais, the Haptash takes super data and conserts it into data put Map task is consumed by soduce tash I then the out of reduces gives to devived result Modors Common - these tense developer are used to start Hadoop and an used by a thor Madoop modules Distributer & Map Reduce L'ituques storage Hadoop yel another Resource no go Histori Towa de brung 4

Hadoop as ditectur is a package of the file system. Madoop Ors ter het file system. Rodue. engl w 1 the MOCS [Madoop Ors ter het file system. \* Hadosp blust en bonsiste of a ding Hache of vulteple slave Node. He Howter No de-Prolede Job teacher, task tracker, Nodes. Hodoop distracted, file registrom the Hado ap Distai bulto file system (HBFS) is a like the Hado ap Distai bulto file system (HBFS) is a detrébuted file regetan por plados p. et contains o Master l'alors architecture this Jewa languesse as used to clavelop 'HDFS. Joany Machine that dupp out Java langery. can ensity our the Mole + Dala Vode doft ware. Hame Node Hates derverg oxistin the HPSPS Name Node 27 As w & single node at may be can the row of vinge point failers It manges to file dystem Hodoop Browner om Hadoop Escosystem is a platform or a suit which provides voisione vervices to oxplue by deta problem & Enclude apacho projety and earlow components tools Islanday





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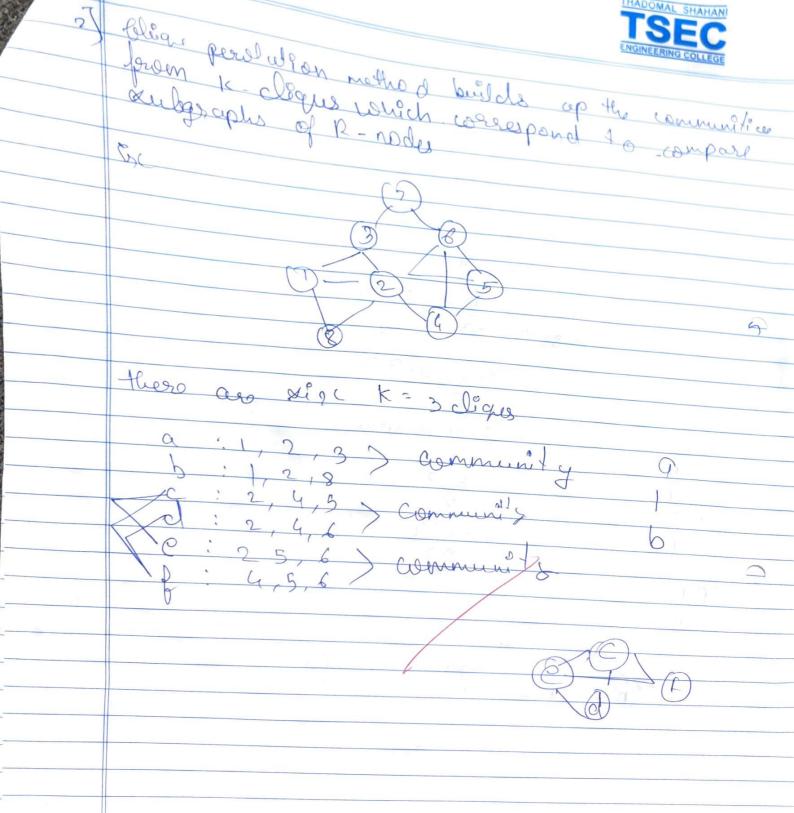
## designment 2

In Iziean - Newcon adgorithm we are giving to divid the modes of the graph into a symper chisting this algorithm senses the odges with en un or any specifi no of odges a present Botaseen is the number of the sheetest paths between pairs of nocles that are run through Algosoftm. - Creat a graph oh Wnodes Lite odges er tako an Enbudd graph like tushelle graph - Coalculate the between of all crieted graphs in to Joursense all the edges with the lighter - Revoluch. He botuseens of all the edges that
get reflected by the semount of edges
- Now seeped the step 3 & 9 until no, edges Example



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