Sanya Ramchandani T23 - 134 SEPM - EXPERIMENT NO. 1 : MARCHAN A AIM: To undustand Derops, principles, practice, and Derops rola and haponsibilities. THEORY : 1300 Definition : · Derops is the ambigation of two words one is Development and other is operations. It is a culture to promote the development and operation. · Devops helps to increase organisation speed to deliver applications and services. It also allows organizations to serve their austomers better and compete more strongly in the market. · Devops can also be defined as a sequence of reference of development and to IT operations with botter communication edosolle staring . Devopisus houses become in one of the most valuable oriente businesse disciplines for entuprises or or organisations si hind is no withinton the strate Dar ops quality, and speed s i delivery whom improved to a no bounded to eggest objected lostops of melvaling



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2. Code Many good practices such as bit crabba
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whiting the code for For business, helps to track
changes, getting not notified about the was neason
solutions of the behinds the actual and the
- sparson inol or expected output and if necessary neverting to
stances is the original roots developed. The code can be
estimately amonged in file, tolders, and etc.
And hey can be treused.
_ more and Test - The application will be ready too production
most and moving the code to the
output. The tosting can be automated which
-shoot since decrease the time for writishing so that
the time to deploy the code to production
of more the running of
the scripts will homove many manual stops.
4. Plan - Devops use Agilo methodologis to Dlan
4. Plan - Devops use Agile methodology to plan Their devolopment. With the operation and
development teams in signs it helps in organising
the mork to plan accordingly to increase
productivity.
- 10 - 10 - Winds for the state of the state
5. Monitor To Gontinuous at monitoring is used to identify
any nisk of Failure. Also, it helps in
tracking the system accurately so that the
health of the application can be checked. The



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place in monitoring becomes money confortable with services				
some dissurbered the log date may get monitored through				
short it retain many third - Party tools such as splink.				
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Many systems of consisting the societies				
of entired within the automatic defining the				
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of developing and testing Repeately. The teams				
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he operation team intuacts with acronging				
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8. Retease - Deployment to an convironment can be				
done by automation But when the deployment of is done by				
manual manual manual many process involved in Actuate				
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	Principles -		
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	Constinu = contric Docision Making		
Monthola	constant Suprovement		
	not Responsibility Throughout the Literacle.		
-deac	Automation		
<u> </u>	Failure as a Learning Opportunity		
	Advantages -		
	· Derops is an excellent approach for quick development		
4:	and deployment of applications.  -> 4+ nesponds taster to the market changes to improve		
	business growth manager to the manager to the second		
	· Devops dears the descriptive process, which gives davity		
	on product development and delivery.		
•	* Dergos elegans		
	· It improves automa experience and satisfaction.  Derops simple simplifies collaboration and places all		
	to tools in the cloud for austomers to access.		
	· Derops nears collective responsibility which leads to		
	better team engagement and productivity.		
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	· Devops protonional or co	erk beted " six i *
	is hard to manage	in short time.
	Projects.	knowledge can be a problem integration of automation
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