Assignment.

Of why is Devops a mojour suguirement in Today's scravio?

Development and Deployment.

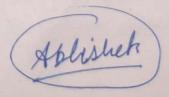
do far better on software. One to development/diployment speed and stability at much faster rate which isoludes faster software enhanced process, cubonced trust and ability to nesolve critical issues quickly-better serves to customers.

@ They are Agile

It guarantees the problem are fining at every stage or pleases reather stran finding peoblem after the product is launched. More products put in the market with outwest quality and security.

3 Reduced Overall Costs.

s Implementing Devops methodology reduces overall operational costs and IT staff requirements due to better productivity from staff and optimal resource utilisation.



& lenplain Devops tool in Octail.

Software development process. It mainly focuses on the communication & Collaboration between product management, software development, and operations profession.

- O Version Control Tool: Git (Gitlab, Github, Bitbucket)
- =) Git is a distributed version control system for tracking of changes in computer files.
- @ Build Tool: Ruburneter, Docker, Maven
- busiets. It eases the build and nomitoring purcess
 through automation and maintains a uniform
 build process. Kubumetes and Docker are Container
 platform.
- 3 CI (continuous Integration) [CD (continuous Deployment).

 Most popular software four CT | CD is Jenkins. Jenkins

 is an open-source Java based automated CI server

 Most supported by multiple DS. They can be also

 de deployed on Cloud based platform.

Or enformation Management tool) Ansible.

It enfors to the maintenance & control of the component of large complen System. Ansible is an open source EM. Inops tool that is used for opportunit, automation and maintenance. Other example includes Puppet & Chef.