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Assignment-1
(DevOps)

Ans 1) DevOps is a set of practices which combines software development team and operational and informational technology (Ops) which aims to shorten the system's software development lifecycle and provides continuous delivery with high software quality.

DevOps
→ shortens development cycle.
→ reduces deployment failures and rollbacks.
→ improves collaboration communication.
→ increases efficiency.
→ reduces cost and IT headcount.

Ans 2) Puppet : is a tool that helps you manage and automate configuration of servers.

Ansible:- It aims to provide large productivity gains to a wide variety of automation challenges.

Docker ;- It is designed for developers and systems administrators, an essential part of DevOps. With docker developers can focus on application development rather than being worried about the platform where it will run.