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Ans1) DevOps is a major requirement as :

1) Maximizes Efficiency with automation:
The most effective strategies for
DevOps transformation focus on structure
improvements that build community.

2) Optimizes the entire business: the biggest
advantage of DevOps is the insight it
provides. It forces organizations to
"optimize for the whole system", not
just IT siloes, to improve the business
as a whole.

3) Get you to focus on what matters most
: People.
People, not tools, are the most important
component of a DevOps initiative. Key
roleplayers (humans) can greatly increase
your odds of success, such as DevOps
evangelist, a persuasive leader who can explain
the business benefits brought by the greater
agility of DevOps and eradicate misconceptions

2) 1.) Github : Github is considered as one of the largest and most advanced development platforms in the world. Millions of developers and companies build, ship and maintain their software on Github.

2.) Bitbucket - It is a platform for hosting code, but it goes beyond code management. Teams can plan projects, collaborate on code, test and deploy from a single platform.

3.) Docker - Docker is a light-weight tool that aims to simplify and accelerate various workflows in your SDLC with an integrated approach.

4.) Kubernetes : Kubernetes is an open-source DevOps tool used to automate deployment and management of containerized applications and perhaps one of the most popular container orchestration tools.

5.) AppDynamics : AppDynamics facilitates real-time insights into application performance.