03 Assignment 1

Direction: Evaluate each DevOps-centered organization and answer the corresponding question. **(3 items x 5 points)**

A. **Target**

> *Inside Target, several groups have been evangelizing DevOps for years. According to technical architect Dan Cundiff, what "started out in small corners of development and infrastructure teams has since caught on like wildfire."*
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> *He's not exaggerating. These days, DevOps not only powers the development of projects like Cartwheel, Target's mobile savings app, but also has transformed the organization's culture. Target now hosts DevOpsDays for its internal teams, featuring demos, open labs, lightning talks, breakout sessions, and guest keynotes. It also continues to spread the good word through the business community by sponsoring Minneapolis DevOpsDays meetups.*

B. **Adobe**

> *Adobe's DevOps transformation began five years ago when the company moved from packaged software to a cloud services model and was suddenly faced with making a continuous series of small software updates rather than big, semi-annual releases.*
>
> *To maintain the required pace, Adobe uses CloudMunch's end-to-end DevOps platform to automate and manage its deployments. Because it integrates with a variety of software, developers can continue to use their preferred tools, and its multi-project view allows them to see how a change to any one Adobe product affects the others.*
>
> *The move has enabled faster delivery and better product management, and according to the* Wall Street Journal*, Adobe has already been able to meet 60 percent more app development demand (subscription required).*

C. **Fidelity Worldwide Investment**

> *Like many enterprises, Fidelity Worldwide Investment had several business units developing software applications and was burdened with legacy release processes that placed huge demands on its teams. Apps were deployed manually across hundreds of servers, with each app requiring customization. Manually introduced errors frequently broke the process.*
>
> *When it came time to develop a critical trading application with a firm launch date, the organization knew its error-prone manual process would jeopardize the project. Fidelity used the opportunity to embrace a DevOps approach and implement an automated software release framework that would enable it to meet the rollout schedule.*
>
> *That solution resulted in more than $2.3 million per year in cost avoidance for that app alone. Since then, the Fidelity team has automated the release of dozens of applications, reducing release times from two to three days to one to two hours and decreasing test-team downtime. The process has also made it easier to display regulatory compliance and has enabled predictable release schedules that stakeholders can rely on.*

All stories from: https://techbeacon.com/app-dev-testing/10-companies-killing-it-devops

Questions:
1. How did Target use their People, a DevOps element, to drive change to their culture?

2. Would you say that Adobe used the Lean principle? If not, which principle did they employ?

3. Based on Fidelity Worldwide Investment's problem, which DevOp Principle did they consider using to solve it? Would any of the ITIL Principles do the same?

GRADING RUBRIC:

Performance Standards	Points
The explanation is justified and reasonable.	5
The explanation lacked justification.	3
The explanation is unclear.	2