Assignment-1

1. What is the main difference between programming and software engineering?

2. What does the phrase “Hyrum’s Law” state in software engineering?

3. Mention two reasons why long-term projects need continuous upgrades?

4. What is meant by the phrase “Shifting Left” in software development?

5. What is trade-offs in engineering decisions?

6. Mention two challenges faced by software engineers when working in teams.

7. How does knowledge sharing benefit teams?

8. Define the role of a team lead.

9. Why should team members admit mistakes openly?

10. How does knowledge sharing benefit teams?

11. Explain with example why a low Bus Factor is dangerous for software projects.

12. Why is feedback culture important in software teams?