

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 are 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?