

Cyber Security Assignment

1. What is cybersecurity? Why is it important in today's digital world?
2. Define the CIA Triad in cybersecurity.
3. What is the difference between a virus, a worm, and a trojan horse?
4. Explain the term phishing with an example.
5. What is ethical hacking? How is it different from malicious hacking?
6. List any five common types of cyber-attacks and describe them briefly.
7. How does two-factor authentication improve security?
8. Describe any recent cybercrime incident in India. What were its consequences?
9. Create a cybersecurity awareness guide for college students, listing Do's and Don'ts.
10. Discuss the major components and uses of a firewall in network security.