

4. What are the main software programmer hard skills requirements?

5. What does testing involve and require?

6. What are the main software tester soft skills requirements?

7. What are the main software tester hard skills requirements?

8. Why is maintenance of an evolving system necessary?

9. What are the main maintenance engineer soft skills requirements?

10. What are the main maintenance engineer hard skills requirements?

Exercise 9. Give English equivalents to the following word combinations.

Персонал служби технічної підтримки; слідкувати за останніми новинками; впровадження найкращих рішень; ініціативи покращенню процесу; система, що розвивається; критерії вводу-виводу; бути поодержаним з; тестування прийнятності для користувачів; графік реалізації проекту; автоматизований скрипт тестування; зменшення комерційних ризиків; процес деталізації; уточнений варіант; аналітичний тип мислення; реєстрація помилок; забезпечити завершення до крайнього терміну; детальна увага до деталей.

Exercise 10. Find in the text the equivalents of the following words:

law; advantage; temendous; examination (inquiry); to fulfill (to complete); to choose; recognition (perception); step-by-step; improvement (perfection); to show; check (examination); to lessen (to mollify); standards; betterment (amelioration); to forget (to neglect); profession; variety (multiplicity); innumerable (countless).

Exercise 11. Memorize the following words and word combinations.

commit – вчиняти, доручати, довіряти

beneficial – вигідний, корисний

welfare – добробут, достаток

adhere – дотримуватися

consistently – послідовно, узгоджено

integrity – цілісність; чесність

judgment – судження, оцінка

subscribe – приєднуватися; погоджуватися
advance – просуватися вперед; удосконалюватися

Exercise 12. Read and translate the text.

Text 3. Software Engineering Code of Ethics and Professional Practice

Software engineers should commit themselves to making the analysis, specifications, design, development, testing and maintenance of software a beneficial and respected profession. In accordance with their commitment to the health, safety and welfare of the public, software engineers should adhere to the following eight principles:

1. *Public.* Software engineers should act consistently with the public interest.

2. *Client and employer.* Software engineers should act in a manner that is in the best interests of the client and employer consistent with the public interest.

3. *Product.* Software engineers should ensure that their products and related modifications meet the highest professional standards possible.

4. *Judgment.* Software engineers should maintain integrity and independence in their professional judgment.

5. *Management.* Software engineering managers and leaders should subscribe to and promote an ethical approach to the management of software development and maintenance.

6. *Profession.* Software engineers should advance the integrity and reputation of the profession consistent with the public interest.

7. *Colleagues.* Software engineers should be fair to and supportive of their colleagues.

8. *Self.* Software engineers should participate in lifelong learning regarding the practice of their profession and should promote an ethical approach to the practice of the profession.