Homework 1 – Software Engineering Code of Ethics

The following is the short version of the Software Engineering Code of Ethics and Professional Practice available from the URL:

http://ethics.acm.org/code-of-ethics/software-engineering-code/

****

Software engineers shall commit themselves to making the analysis, specification, 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 shall adhere to the following Eight Principles:

1. PUBLIC - Software engineers shall act consistently with the public interest.

2. CLIENT AND EMPLOYER - Software engineers shall act in a manner that is in the best interests of their client and employer consistent with the public interest.

3. PRODUCT - Software engineers shall ensure that their products and related modifications meet the highest professional standards possible.

4. JUDGMENT - Software engineers shall maintain integrity and independence in their professional judgment.

5. MANAGEMENT - Software engineering managers and leaders shall subscribe to and promote an ethical approach to the management of software development and maintenance.

6. PROFESSION - Software engineers shall advance the integrity and reputation of the profession consistent with the public interest.

7. COLLEAGUES - Software engineers shall be fair to and supportive of their colleagues.

8. SELF - Software engineers shall participate in lifelong learning regarding the practice of their profession and shall promote an ethical approach to the practice of the profession.

****

Using the above Code of Ethics, Pick at least 2 of the 8 principles and describe what these principles mean to you. In your write-up, summarize the principles you selected **in your own words** and provide at least one example of an activity or action you could take that would support each principle and one example of an activity or action that you believe would violate each principle.

Grading guidelines

Submission	Points
Accurately summarized two of the eight principles in your own words.	40
Provided and explained examples that support each of the two principles you selected.	20
Provided and explained examples that violate each of the two principles you selected.	20
Document is well-organized, and contains minimal spelling and grammatical errors.	20
Total	**100**