

**ATILIM UNIVERSITY**

**FACULTY OF ENGINEERING**

**CMPE109 - FUNDAMENTALS OF COMPUTING**

**Assignment-1**

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Define the term “Software Piracy”.

* Software piracy is the illegal copying, distribution, or use of software which is not free.

What are the benefits of using licensed software?

* There are lots of benefits of using licensed software, but most important ones are

1. Free updates.
2. More secure than using illegal.

What are the risks and consequences of using pirated software?

1. Fishing attacks.
2. Security bugs.
3. Malware risk.

Consider “General Ethical Principles “defined by The ACM Code of Ethics. Write the name of the principle which do you think is violated by the consequences of the software piracy.

### Respect the work required to produce new ideas, inventions, creative works, and computing artifacts.

Developing new ideas, inventions, creative works, and computing artifacts creates value for society, and those who expend this effort should expect to gain value from their work. Computing professionals should therefore credit the creators of ideas, inventions, work, and artifacts, and respect copyrights, patents, trade secrets, license agreements, and other methods of protecting authors' works.

Both custom and the law recognize that some exceptions to a creator's control of a work are necessary for the public good. Computing professionals should not unduly oppose reasonable uses of their intellectual works. Efforts to help others by contributing time and energy to projects that help society illustrate a positive aspect of this principle. Such efforts include free and open source software and work put into the public domain. Computing professionals should not claim private ownership of work that they or others have shared as public resources.

Sources:

1. https://www.acm.org/code-of-ethics