Recall that you read the *Introduction to Ethics* by Mike Quinn for class.

**Answer each of the following questions.** Please type your answers.

1. (30 pts, From Quinn chapter, variant of question #24).

   A college student attached a webcam to his robotic vacuum (e.g., a Roomba) and left the robot running in his dormitory room in order to broadcast video images of the roommate and his roommate’s girlfriend engaged in sexual intercourse. They were unaware of his actions. The student’s Website accumulated thousands of hits for the two weeks it was set up. Copies of some images were posted on at least one other website. Using (1) Act Utilitarianism, (2) Kantianism, and (3) Social contract theory, evaluate the actions of the college student.

   See original article [here](https://example.com).

   Your answer should be no longer than 1½ page, maximum of ½ page for each of the three ethical theories. (double-spaced 12 pt. Times Roman font).

2. (40 pt) Self driving cars raise a host of questions regarding decision making. Take for example this scene from the movie I,Robot where the robot chooses to rescue Will Smith rather than the young girl, due to a greater probability of success despite the age difference (Will Smith then hates robots for the first part of the film as he felt that was the wrong choice):

   [https://www.cc.gatech.edu/classes/AY2022/cs4002a_spring/irobot-opener.mov](https://www.cc.gatech.edu/classes/AY2022/cs4002a_spring/irobot-opener.mov)

   Suppose the car now was the robot. This is a classic ethics situation referred to as the trolley problem [https://en.wikipedia.org/wiki/Trolley_problem](https://en.wikipedia.org/wiki/Trolley_problem)

   For this part of the homework you need to take the following trolley problem exercise: [http://moralmachine.mit.edu](http://moralmachine.mit.edu)

   Read the instructions carefully. Then start judging.
1) (20 pts) There are 13 scenarios. For two of the most difficult for you, explain the scenario, and why you chose to do what you did. (1/2 page each)

2) Save the final page analysis of your results as a PDF and submit it with the answers to this homework.

3) (20 pts) With respect to the analysis: do you think this is a reasonable characterization of your decisions and personality? Why or why not? (1/2 page)

Your answer should be no longer than 2 pages total (double-spaced 12 pt. Times Roman font).

3. (30 pts – 10 pts for each part)
A fictional application of robotic warfare is described in the web video DRONE (links are below).
   a) Who are the stakeholders and how are they affected? (at least four or more)
   b) Do you think a battlefield robot could be programmed to exhibit virtue ethics? Why or why not?
   c) Based on what you know thus far, what is your opinion regarding the use of robotics in warfare situations such as what is depicted in this video? Explain and argue effectively why you believe this.

Your answer should be no longer than 2 pages total (double-spaced 12 pt. Times Roman font).

Drone Video (4 parts)
part1  http://www.youtube.com/watch?v=u8PzkGM60Lc
part2  http://www.youtube.com/watch?v=qDItEOBeEKk
part3  http://www.youtube.com/watch?v=yIqmpORzKWg
part 4 http://www.youtube.com/watch?v=MO8iy5YzDzc