**Home reading assignment**

1. **Find at least 10 words used to describe human beings, both physically and psychologically. Classify them according to various semantic and grammatical criteria**

1. Reasonable

2. Understanding

3. Anxious

4. Foolish

5. Clumsy

6. Talkative

7. Sarcastic

8. Skeptic

9. Confident

10. Foolish

1. **In each of the stories there is a kind of conflict, problem, misunderstanding between robots and humans, most often based on the Three Laws of Robotics.**

“Runaround”

In 2015, Powell and Donovan were on Mercury and had a problem with a robot named Speedy. They sent him to get selenium from a pool and he didn’t come back. He was circling the pool of selenium, which could lead to Powell and Donovan dying. They needed selenium to fix their photo-cell banks, because without them, Mercury headquarters would burn up. They had to get him back, but couldn’t do it themselves, their suits only keep them safe for 20 minutes in the Sun. Speedy was acting funny, as they said “drunk”. He was going in a circle, singing. They tried to figure out what’s wrong with him by thinking about the Three Laws of Robotics. They figured it out. Speedy was acting like that because he couldn’t figure which law to follow. He was caught between the Second Law and the Third one. He couldn’t get selenium and he couldn’t go away because he was ordered to get it. Donovan and Powell used chemical danger to force him to come to them but it did not work. They realized they had to use the First Law and that is to put a human in danger to snap Speedy out of his state. Powell ran into the sun trying to get his attention and Speedy saved him in time.

1. **Write a short essay (around 20 sentences, 350 words) in which you will express your opinion on ONE of the following topics:**

Robots are not only the figures of sci-fi movies anymore. Right now, all over the world, robots are performing thousands of tasks. They are building cars, using AI to replicate human behavior, assembling computers, and many other products, completely replacing humans in some branches of industry. With development of AI, and engineering, robots are getting more intelligent, agile, and flexible, covering and easing many aspects of our lives (E.g. mobile assistants, self-driving cars, etc.).  
The invention of transistors and integrated circuits I the nineteen fifties and sixties, made robotics possible. With those technologies becoming smaller, even to a size of an atom in the very near future, and much more powerful, the possibilities are becoming immense.

But with these great advantages there are always some disadvantages to weigh in to the equation. After all, there is no such thing as a free lunch and robots are no exception to this rule. There are of course a few negative aspects to robot usage. Here are some of the questions that arise: are there such kinds of robots that should not be created? Will robots put capable workers out of jobs, if so is this a justifiable action? And of course the ignorant issue of, what if some day robots become like people, in terms of thinking and acting for themselves.

In my opinion, robots can’t become like people, they can only replicate some emotions, as it is nothing but a mimic of our expressions, but on the other hand, I am pretty sure that robots will replace capable workers and put many out of jobs, with advantages of longer working periods, easy maintenance, great precision, faster production, and as such they present a huge saving for large firms (robots don’t require salary…). I can’t really argue if it is a justifiable action, from perspective of a worker, it is not, but massive industry firms, can’t ignore such great opportunities to improve, and be more competitive.