<u>Topic 8 Essay and Presentation intro (320 words)</u>

Do people of the world think that a fully modern and automated home with the latest IOT (Internet Of Things) gadgets will give them a medal of satisfaction and modernization for achieving to fully automate their home or bringing out new devices? Mainly, is it merely possible to do so? Well, if we put it in to more context, it solemnly depends on the various implementations, that exact individual impose on a target house which they seek to modernize. Smart homes implemented with ideas of full home automation are becoming the norm as the world is upgrading all of their systems and latest devices being rolled out to be 5G compatible. We often see major telecommunications companies like Apple, Huawei and Samsung are seen always at the first to bring out new world changing IOT devices. A good example of a country that has a good implementation of IOT services and is a hub of the newest 5G devices implemented is South Korea. The country not only has a good telecommunications infrastructure when it was already using 4G technology but also it is the only country in the world at the moment where everything and anything can be done by using IOT devices and the power of the internet. China comes a close second. It always starts with the most simple things that we use on a day to day basis. Refrigerators, toasters, televisions, game consoles and the list goes on and on to expand our imagination of what we could use for IOT. It is clearly evident that even independent IOT devices could use help from a server and well implemented Artificial Intelligence system only catered for a universal or set of IOT devices by a desired company. Even if we were to develop a new Artificial Intelligence ecosystem or use an already available for example the Samsung or Apple ecosystems of devices we can make them function seamlessly.