The reading and lecture are both about having a scientistic station challenges on an other planet which was named Venus, In the reading scholars believe that building station on the Moon or Mars are easier than on the Venus because of their similar environment condition, Mars and Moon has better condition to live on them and it is possible to make residence or researching station on them but it is impossible to think about Venus. In the lecture, professor claims that station on Venus is not without challenges but there is solution to solve the problems which are mentioned in the reading, with using a balloon located 50 kilometers above the Venus’s surface.

First of all, the author claims that there is to much differences between pressure on the earth surface and the Venus’s pressure, it is about 50 times bigger on the Venus, because of this every devices that sent on the Venus crashed by this huge pressure. In the lecture professor claims this point and give a solution for this, he mentioned that we pressure on the Venus’s surface is too high for human, but we can use ballon and locate balloon 50 kilometers higher than the Venus’s surface. In this height of Venus atmosphere pressure is like normal pressure on the Earth, so there is not any threat for us.

Secondly, the author stated that on the Venus there are not any water recourses, most of the Venus atmosphere made by carbon dioxide, nitrogen and sulfuric acid so it is extreme condition for us. This point challenged by lecturer. He claims that we can use chemical process to provide water from available elements on Venus’s atmosphere.

Finally, the author mentions that Venus sky has much clouds and most of the sunlight reflect(about 60%), so there is low light and the other problem is electric power, lack of sunlight causes that the solar cells which makes electricity from sunlight can not do their duty correct so we have electricity power problem on the Venus. On the other hand, the lecturer rebuts this. He mentions that if we use a balloon 50 kilometers above than the Venus’s surface, there is not to much cloud opacity, so we can use solar cells on the balloon to provide electricity power.