**Exercise 7.1**

Five reasons for using virtual environment:

* **Training on a dangerous job:**

Training pilots takes long time and they should be exposed to many situation, it would be difficult and not safe to use a real airplane or creating an emergency situation, it would be better to simulate a flight mode and different normal and emergency situations in a virtual environment.

* **Advertisement and better user experience:**

Hotels can use a virtual environment for the purpose of advertisement. They can provide a full user experience in a virtual environment that customers can use to explore the hotel’s rooms, restaurant and other places in the hotel.

* **Mental health:**

Some people who has been exposed to a traumatic event can enter a virtual environment that simulates that event to help that person overcome his problem. A virtual environment can be used as a training to get rid of stress by being exposed to different stressing situations and try to deal with them.

* **Entertainment:**

2Virtual environment provides a better experience for games it allows user not to play a game but to live inside it. It adds a new a level of entertainment and interaction, player does not press keyboard keys or klick on a mouse, it interacts with the game with all senses. A game like “Pockemon Go” gets the game mode to the real life and makes a simple combination between the real life and the game which creates new way of competition.

* **Testing a product that is expensive to be made:**

If it is wanted to test a space craft that costs a lot of money to be made and to avoid facing unexpected situations or unhandled astronauts’ actions inside it that may damage the craft, instead of involving the real craft it would be better to use virtual environment inside it astronauts can test the craft without being afraid of damaging a product that costs a lot of money and time to make.