***Assignment 1***

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Subject = Human Computer Interactions

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**Q) How is Augmented Reality different from Virtual Reality?**

Ans) AR differs from VR in various aspects despite their devices’ similar designs some of which involve the devices they require and the experience itself:

* AR uses a real-world setting while VR is completely virtual
* AR users can control their presence in the real world; VR users are controlled by the system
* VR requires a headset device, but AR can be accessed with a smartphone
* AR enhances both the virtual and the real world while VR only enhances a fictional reality

AR accomplishes different things from VR as AR adds to reality, projecting information on top of what you’re already seeing while VR replaces reality, taking you somewhere else.

Some of the other distinguish AR from VR are:

* AR is 25% virtual and 75% real while VR is 75% virtual and 25% real
* AR requires upwards of 100 Mbps bandwidth while VR requires atleast a 50 Mbps connection
* AR augments the real-world scene while VR is a fully immersive virtual environment