**Name**: Anup Dhakal

**Student** Id: 610827

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**Write three MVS points clearly relating what you have read to MVS principles.**

**“Clear Connections, Stern Logic, Utter Simplicity”.**

Some of the things that we studied today about Java Programming Language closely resembles to some of the MVS principles. Following are the three things that I found to be related:

1. *“Life is Found in Layers”*

In natural world, we can see that everything is build up in layers. For example, if we looked at human body, our body starts from DNA to RNA to cells to tissues which forms organs and becomes the entire human body. Everything is found to be in layers.

Similarly, in programming languages like Java, we have the concept of inheritance from which we can create the layers of abstraction. If we take an animal class as a parent, their child class can be a dog class, cat class, etc. These child classes can also have other child classes for the different breeds. And the super parent class (animal class in this case) is also inherited from an object class.

1. *“Do Less Accomplish More”*

When we are free of stress, we will have the ability to think clearly and have longer attention span. We can also concentrate deeply at the topic at hand, when we allow ourselves to be fully awaken. The four magic formula to be at this state is Sleep, Nutrition, Transcendental Meditation, and Exercise. When we can access the pure consciousness, we can function much better than our normal self. Thus, with less stress, high concentration, and overall good state of mind, we can do less to accomplish more.

Similarly, in Java, we are doing less and accomplishing more when we follow OOP principles. For example, in Inheritance and Polymorphism, when we inherit from parent class, we have access to all the data and methods of the parent class. So, we don’t have to rewrite the same method twice in two different classes. We can just override the methods if the method implementation of the child class is different than the parent class. If we rewrite same code repeatedly, we are in the risk of introducing new bugs, and we also spend more time than needed. Hence, “Do less accomplish more” fits both in our real world as well as in the world of java language.

1. *“Order is Present Everywhere.”*

In real world, the whole universe functions according to the laws of physics. Sun always rises from the east and sets in West. Apple will always fall down from tree. Also, in the life of humans and animals, there is certain order we follow. We get hungry if we don’t eat for long time. We need to sleep and exercise regularly in order to function well and live a healthy life. Thus, there’s order present everywhere in the real world.

In case of programming, we also need to follow certain order. We need to give instruction to the computer in a proper order. We need to create a class first and just then we can create an instance of that class. We need to specify the types of fields. For example, the string s1 that has the data of “Hello, World!” should be specified in this way: String s1 = “Hello, World!”. Int reference can’t store string and vice versa. We can see that there’s certain order we need to follow in order for our program to work. Hence, Order is present everywhere.