

## **CSE340 - Operating Systems**

### **Command Line / Shell / Terminal / Shell Script**

- Used for automation.
- Example: Perform a task 100 times using a for loop.

### **Where do we store programs?**

- Stored on a device hard disk.
- Accessed from File Explorer.

### **Program Output**

- Store the output (OP) of a program.

### **Functions → Packages → Libraries**

### **Environment Variables**

- Format: Key : Value
- Why do we need read & write modes?
  - For privacy and security concerns.

### **Important Notes**

- Cutting is destructive (i.e., original content is lost).

- OS = Manager of Resources (Controlled program).

### **NIC (Network Interface Controller)**

- Connects directly to the network.

### **Analogy**

- Processor → Deep Thinking
- RAM → Multitasking

### **Discrete vs Continuous**

### **Mind Map**

- Chapters 1 & 2