Computer Systems: Lecture 2

Morgan McCarty

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- SSH

  - Secure Shell protocol
  - Connect to remote machines through terminal

- BASH

  - Bourne Again Shell
  - Programming language for terminal (Turing complete)
  - e.g.

    echo "Hello, world!"

    or

    ```
    for i in {1..<x>}; do
        <command>;
    done
    ```

- "Hello, world!"

  - First, in Java

    ```java
    public class HelloWorld {
        public static void main(String[] args) {
            System.out.println("Hello, World!");
        }
    }
    ```

  - Then, in C

```c
#include <stdio.h>
int main() {
    printf("Hello, World!\n");
    return 0;
}
```