

Course: CS1073

Section: FR03B

Assignment #1

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Question Number I:

1. Navigate to the entrance/exit of Head Hall using the exit signs.
2. Find the map of Head Hall there.
3. Figure out which floor the room E-128 is at using the map.
4. Check the location of the room E-128 on that floor (how many left and right turns) using the same map.
5. Follow the directions you learnt but if still not able to find the room, ask somebody for directions.
6. Once at the door of E-128, enter the room.

Question Number II:

Part A:

1. The Babbage house leader will take the Hopper house leader to Currie Center, and it will take 2 minutes.
2. The Babbage house leader will make the trip back to SUB in 1 minute.
3. The Knuth house leader will now take the Turing house leader to Currie Center, and it will take 8 minutes.
4. The Hopper house leader will make the trip back to SUB in 2 minutes.
5. The Babbage house leader and Hopper house leader can now go together to Currie Center in 2 minutes.

Part B:

1. Move small pancake to right plate.
2. Move medium pancake to middle plate.
3. Move small pancake to middle plate.
4. Move large pancake to right plate.
5. Move small pancake to left plate.
6. Move medium pancake to right plate.
7. Move small pancake to right plate.

Question Number III:

```
/**
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 */

public class Initials {
    public static void main(String[] args) {
        System.out.println("*          *");
        System.out.println("*      *          *");
        System.out.println("*    *          *");
        System.out.println("*      *      *");
        System.out.println("*          *   *");
        System.out.println("*        **");
        System.out.println("*      *   *");
        System.out.println("*    *      *");
        System.out.println("*  *          *");
        System.out.println("*            *");
    }
}
```

```
// Image of terminal is attached below
```

```

❯ -zsh

daniyal@Daniyals-MacBook-Pro CS1073 % ls
Assignments          Books                ~$signment1.dotx
daniyal@Daniyals-MacBook-Pro CS1073 % ls Assignments
Assignment1
daniyal@Daniyals-MacBook-Pro CS1073 % ls
Assignments          Books                ~$signment1.dotx
daniyal@Daniyals-MacBook-Pro CS1073 % cd Assignments
daniyal@Daniyals-MacBook-Pro Assignments % cd Assignment1
daniyal@Daniyals-MacBook-Pro Assignment1 % ls
Assignment1.dotx      Initials.class
CS1073-Assign1-W2024.pdf Initials.java
daniyal@Daniyals-MacBook-Pro Assignment1 % javac Initials.java
daniyal@Daniyals-MacBook-Pro Assignment1 % java Initials
*          *          *
* *        *          *
*  *       *          *
*   *      *          *
*    *     *          *
*     *    **
*      *   * *
*   *    *  *
*    *   *   *
* *     *    *
* *      *   *
*         *    *
daniyal@Daniyals-MacBook-Pro Assignment1 %
```