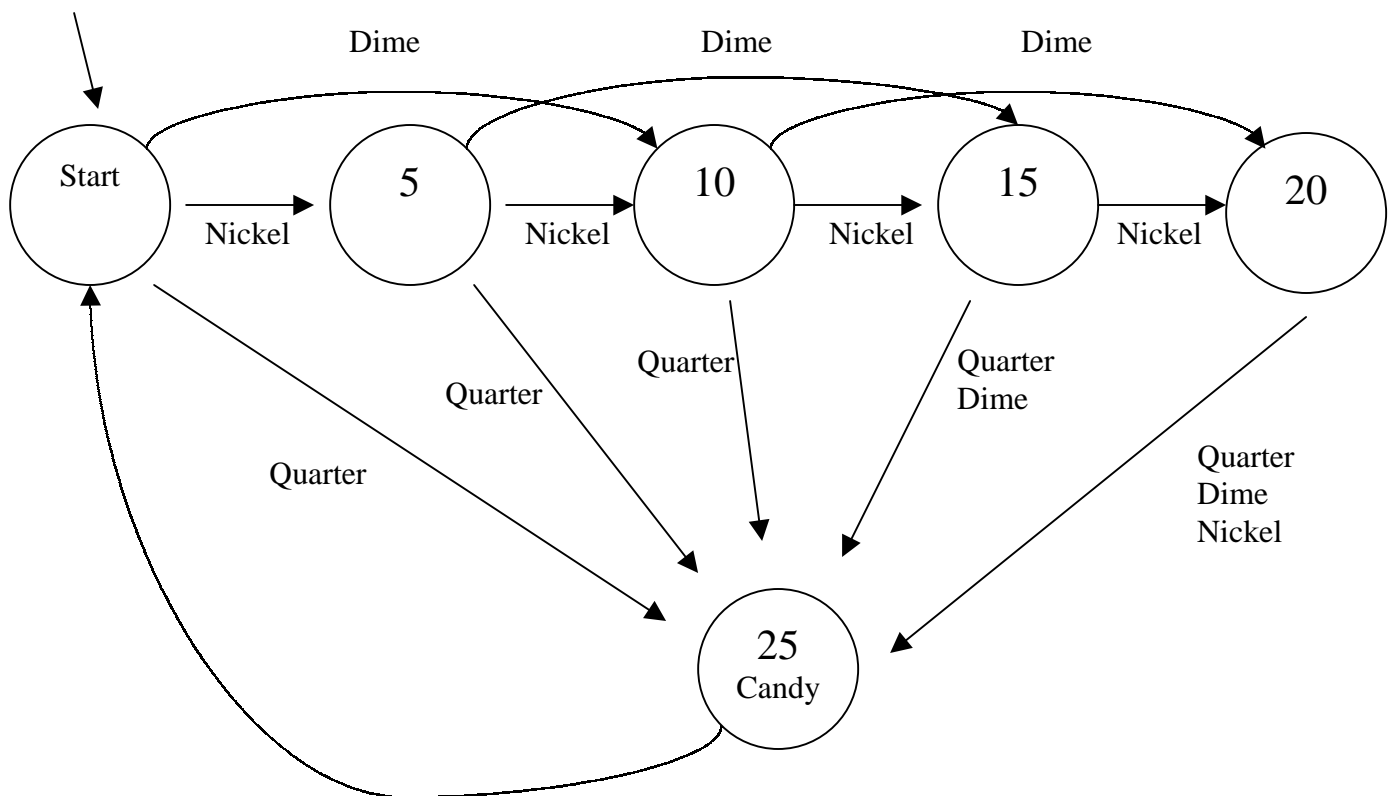


Quiz 1 Solutions

- a) Define your inputs: {Nickel, Dime, Quarter}
- b) Define your outputs: {Candy}
- c) Draw your state diagram:



- d) Why is this a sequential system?

The next transition from the current state depends on previous inputs.