```java
/**
 * Describes a module, it's code, name and the weights of it's controlled assements
 */
public class ModuleDescriptor {

    private String code;

    private String name;

    private double[] CAWeights;

    public ModuleDescriptor(String code, String name, double[] CAWeights) {

        // Validates that paramaters are not empty
        if (code == "") {
            throw new IllegalArgumentException("Code cannot be empty");
        } else if (name == "") {
            throw new IllegalArgumentException("Name cannot be empty");
        } else if (CAWeights.length == 0) {
            throw new IllegalArgumentException("Weights cannot be empty");
        }

        // Validates the CAWeights sum to 1
        double weight_sum = 0.0;
        for (double weight : CAWeights) {
            if (weight <= 0) {
                throw new IllegalArgumentException("Weight cannot be less than or equal
                    to 0");
            } else {
                weight_sum += weight;
            }
        }
        if (weight_sum != 1) {
            throw new IllegalArgumentException("Weights need to add to 1");
        }

        // Initializes variables
        this.code = code;
        this.name = name;
        this.CAWeights = CAWeights;
    }

    public String getModuleCode(){
        return code;
    }
}
```