

# builder

## Main

+main()

```
Visa mySecondVisa = new Visa.VisaBuilder(123456, "Amilcar Aponte", 321).setChipEnabled(true).setContactlessEnabled(true).build();
```

# card

## Visa

-number : int  
-name : string  
-cvv : int  
-isChipEnabled : boolean  
-isContactlessEnabled : boolean

-Visa(builder : VisaBuilder)  
+getNumber() : int  
+getName() : string  
+getCvv() : int  
+isChipEnabled() : boolean  
+isContactlessEnabled() : boolean

```
private Visa(VisaBuilder builder){  
    this.number = builder.number;  
    this.name = builder.name;  
    this.cvv = builder.cvv;  
    this.isChipEnabled = builder.isChipEnabled;  
    this.isContactlessEnabled = builder.isContactlessEnabled;  
}
```

## VisaBuilder

-number : int  
-name : string  
-cvv : int  
-isChipEnabled : boolean  
-isContactlessEnabled : boolean

+VisaBuilder(number : int, name : string, cvv : int)  
+setChipEnabled(isChipEnabled : boolean) : VisaBuilder  
+setContactlessEnabled(isContactlessEnabled : boolean) : VisaBuilder  
+build() : Visa

```
public VisaBuilder(int number, String name, int cvv) {  
    this.number = number;  
    this.name = name;  
    .  
    .  
}
```

```
public VisaBuilder setChipEnabled(boolean isChipEnabled) {  
    this.isChipEnabled = isChipEnabled;  
    return this;  
}
```

```
public Visa build() {  
    return new Visa(this);  
}
```