

**Universidad Tecnológica**

**del Perú**

**CURSO:**

**Programación Orientada a Objetos**

**Docente:**

**Evelyn Marilyn Riveros Huaman**

**Tema:**

**Tarea S14.s2**

**Alumno:**

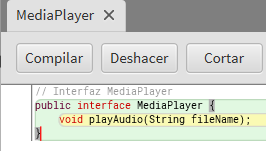
**Roberto Agustín Mejía Collazos**

**Fecha:**

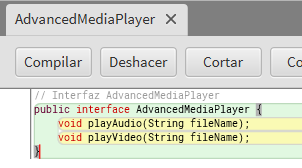
**29/06/24**

**EJERCICIO 1**

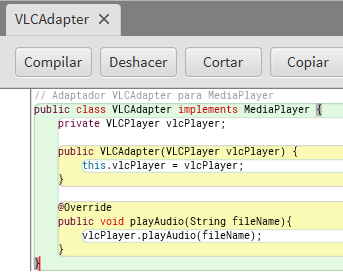
Interface MediaPlayer



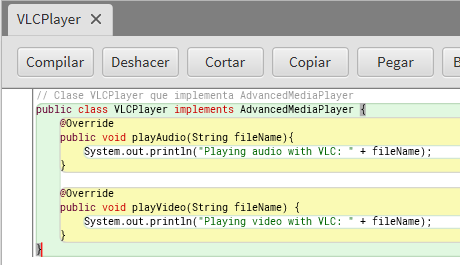
Interface AdvanceMediaPlayer



Clase VLCAdapter



VLCPlayer



Clase Main

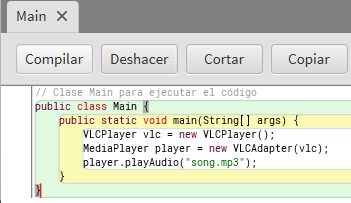
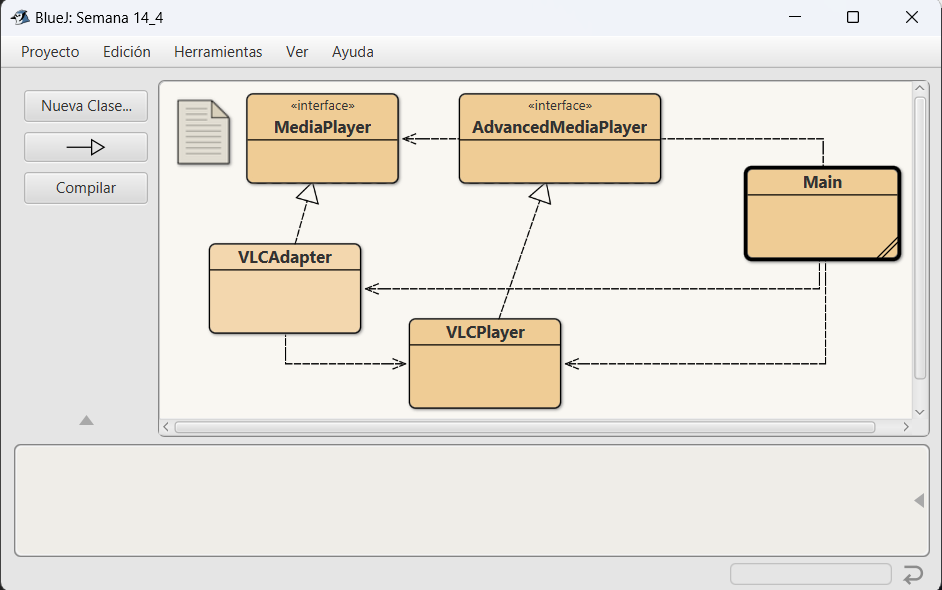
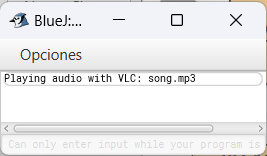


Diagrama de clases

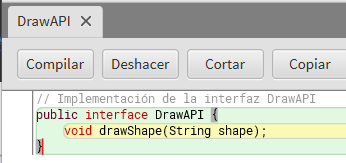


Ejecución

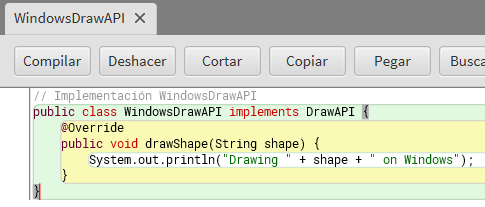
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**EJERCICIO 2**

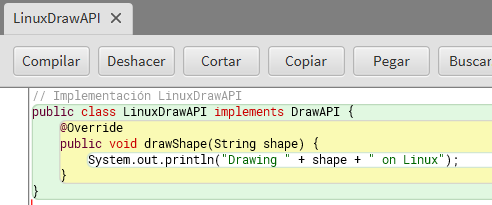
**Interface DrawAPI**

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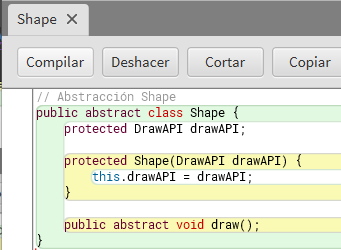
**Clase WindowsDrawAPI**

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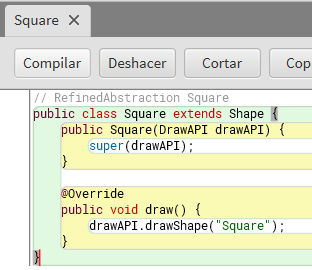
**Clase LinuxDrawAPI**

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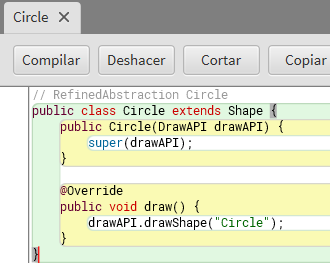
**Clase abstracta Shape**

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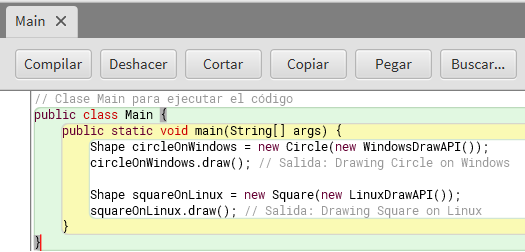
**Clase Square**

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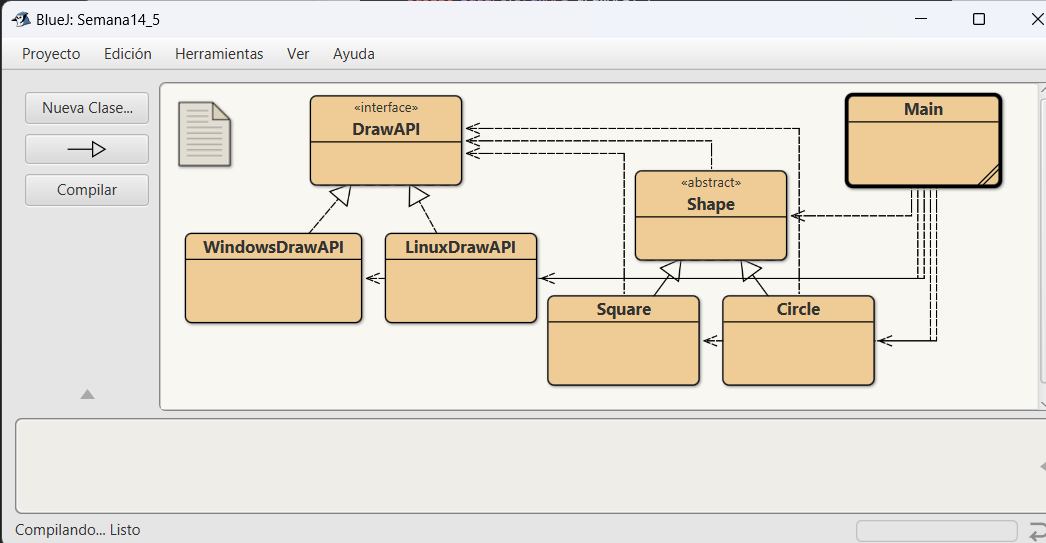
**Clase Circle**

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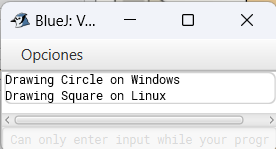
**Clase Main**

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**Diagrama de clases**

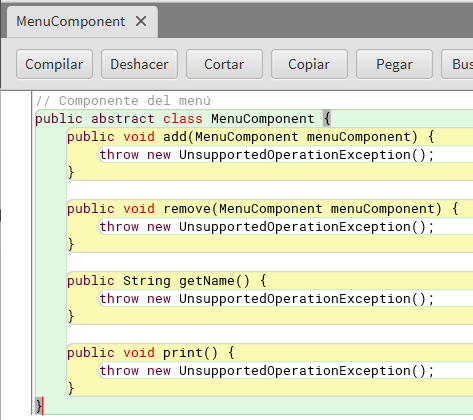
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**Ejecutando**

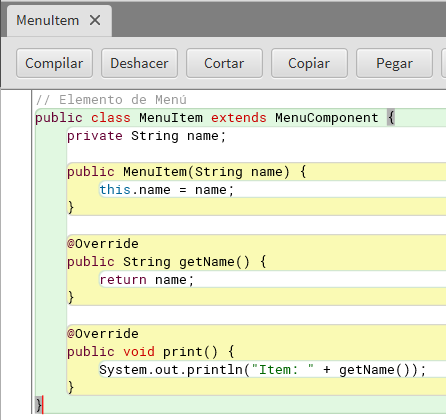
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**EJERCICIO 3**

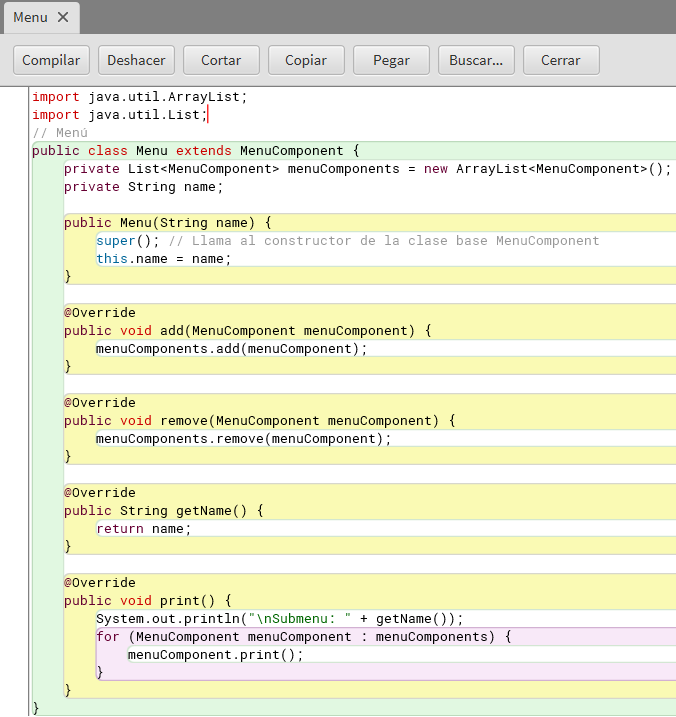
**Clase Abstracta MenuComponent**

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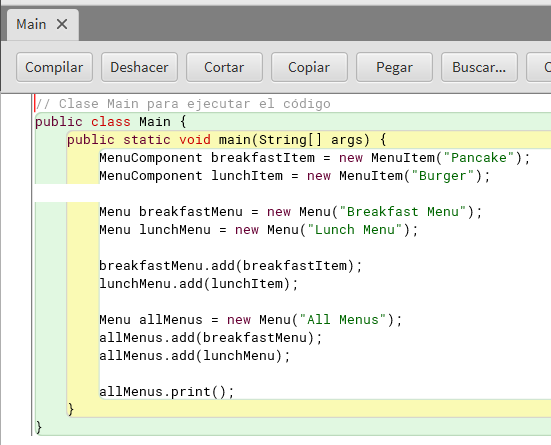
**Clase MenuItem**

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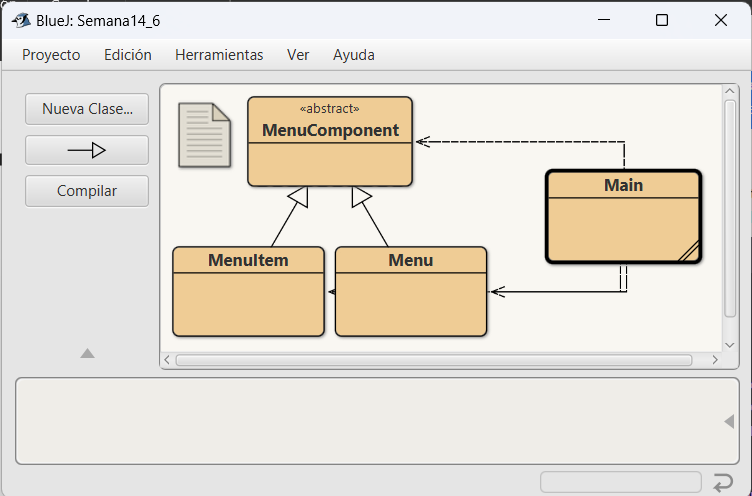
**Clase Menu**

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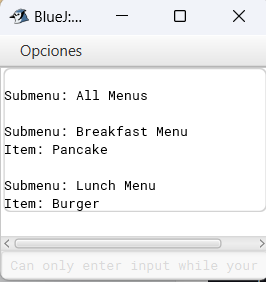
**Clase Main**

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**Diagrama de clases**

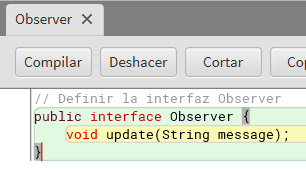
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**Ejecutando**

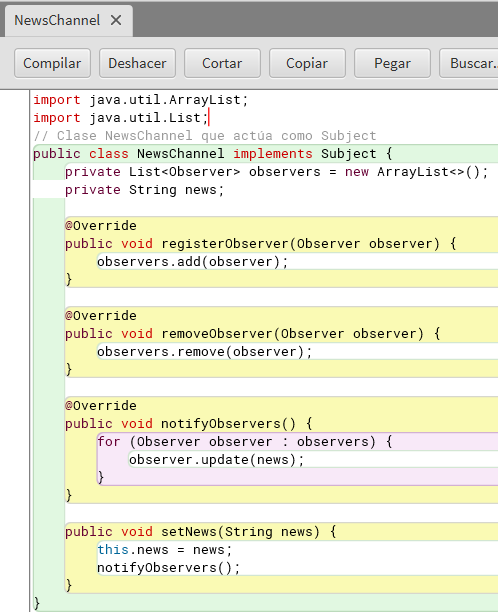
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**EJERCICIO 4**

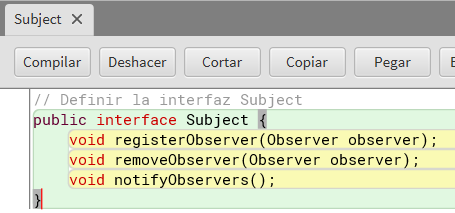
**Interface Observer**

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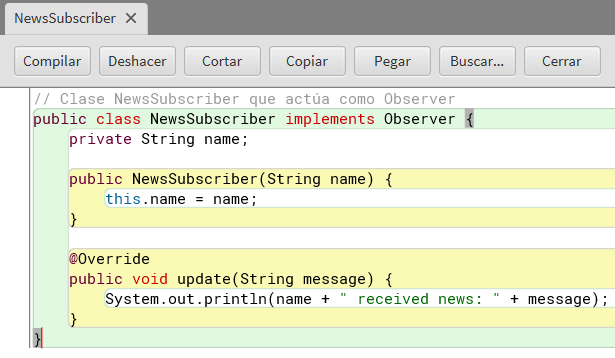
**Clase NewsChannel**

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**Clase Subject**

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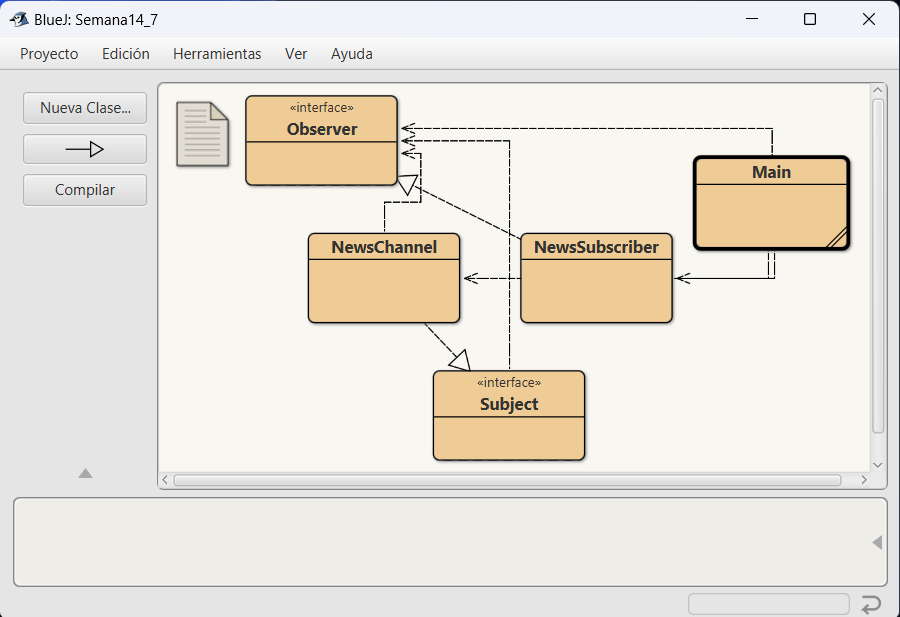
**Clase NewsSubcriber**

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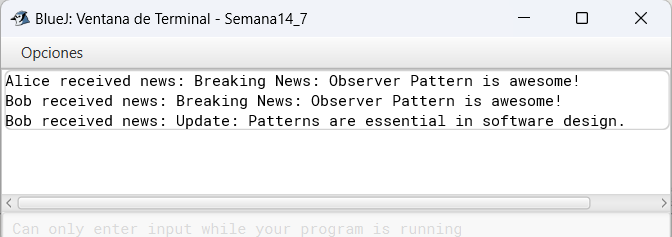
**Clase Main**

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**Diagrama de clases**

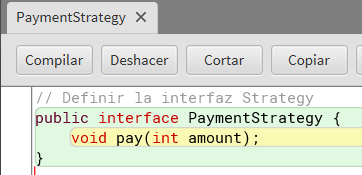
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**Ejecutando**

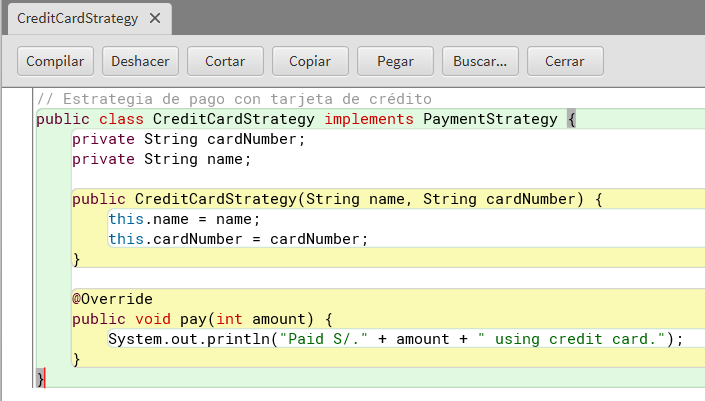
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**EJERCICIO 5**

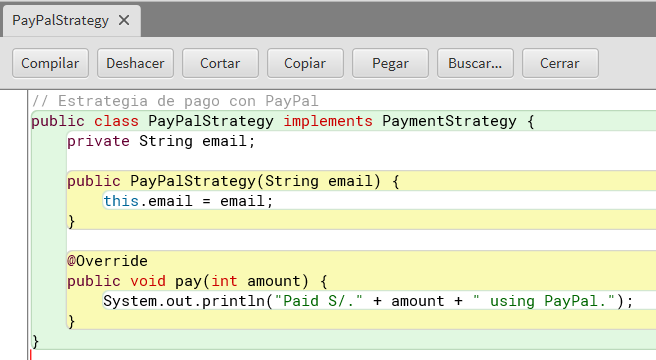
**Interface PaymentStrategy**

****

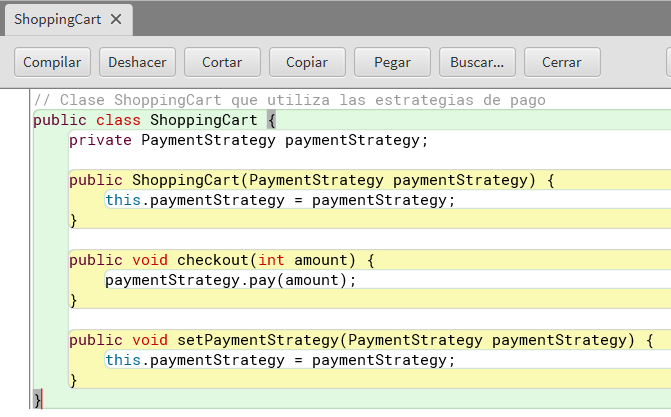
**Clase CrediCardStrategy**

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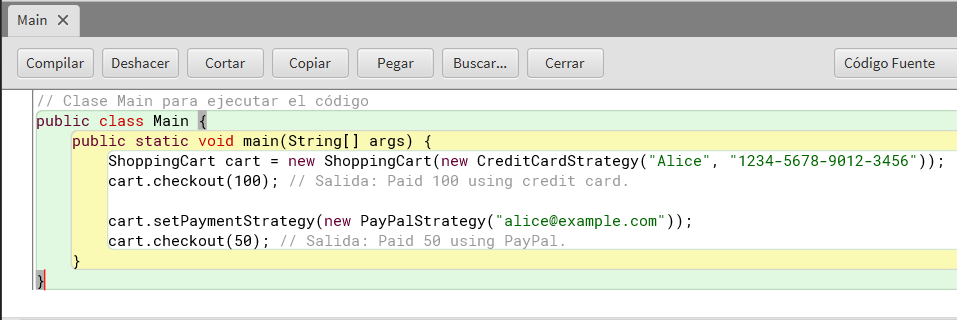
**Clase PayPalStrategy**

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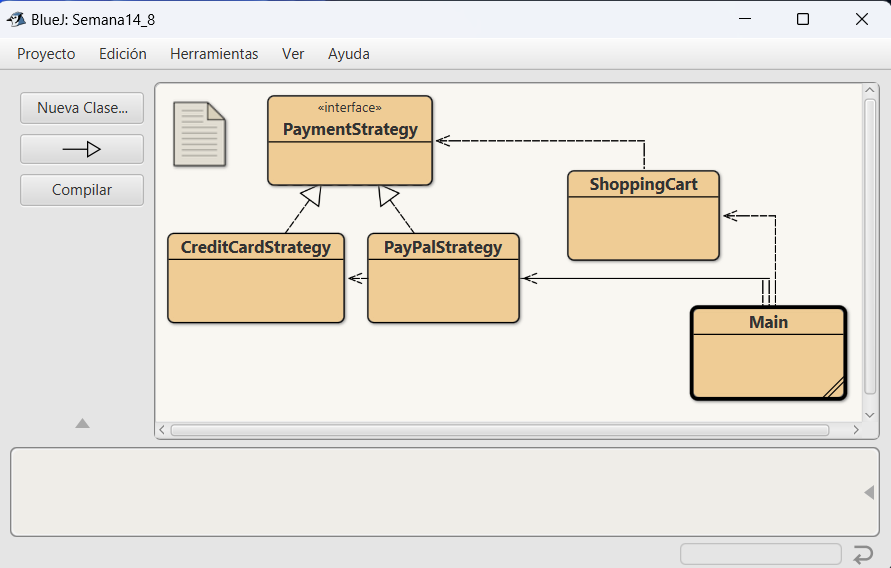
**Clase ShoppingCart**

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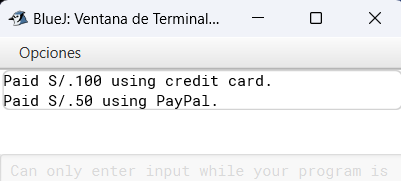
**Clase Main**

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**Diagrama de clases**

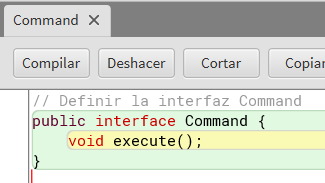
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**Ejecutando**

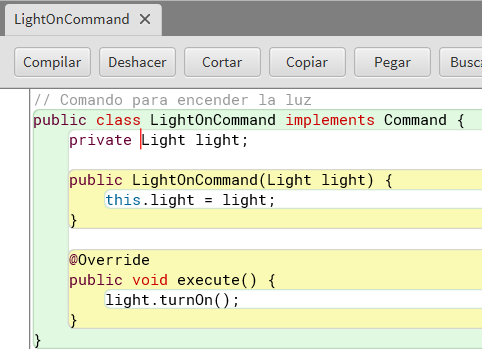
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**EJERCICIO 6**

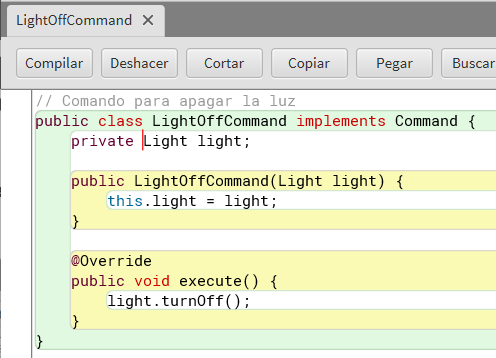
**Interface Command**

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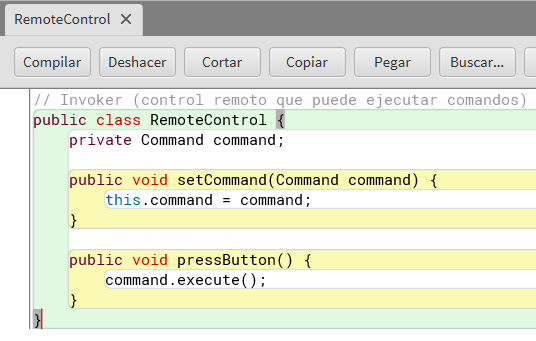
**Clase LightOnCommand**

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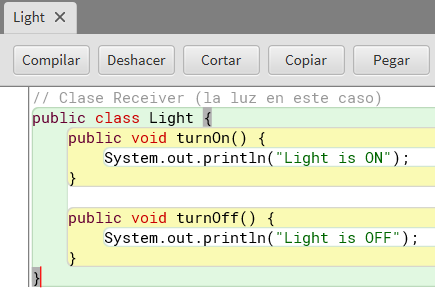
**Clase LightOffCommand**

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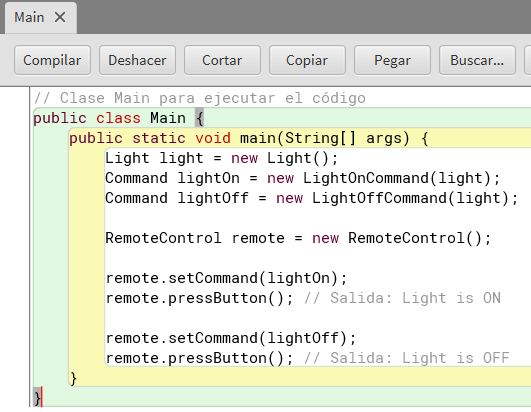
**Clase RemoteControl**

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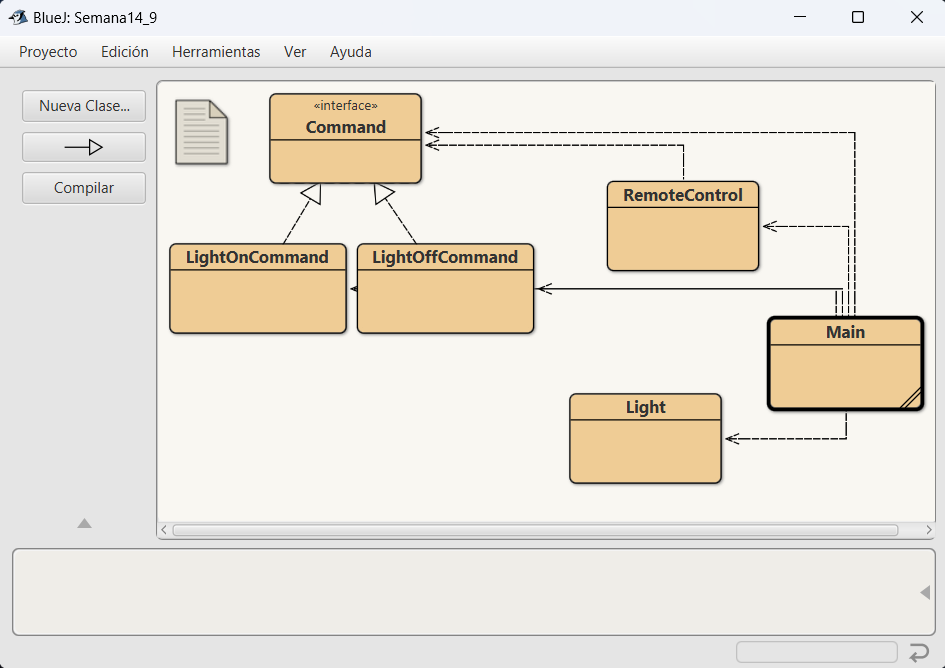
**Clase Light**

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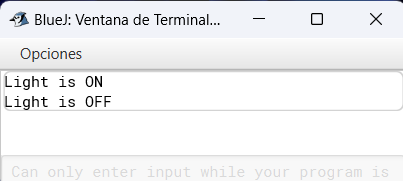
**Clase Main**

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**Diagrama de clases**

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**Ejecutando**

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