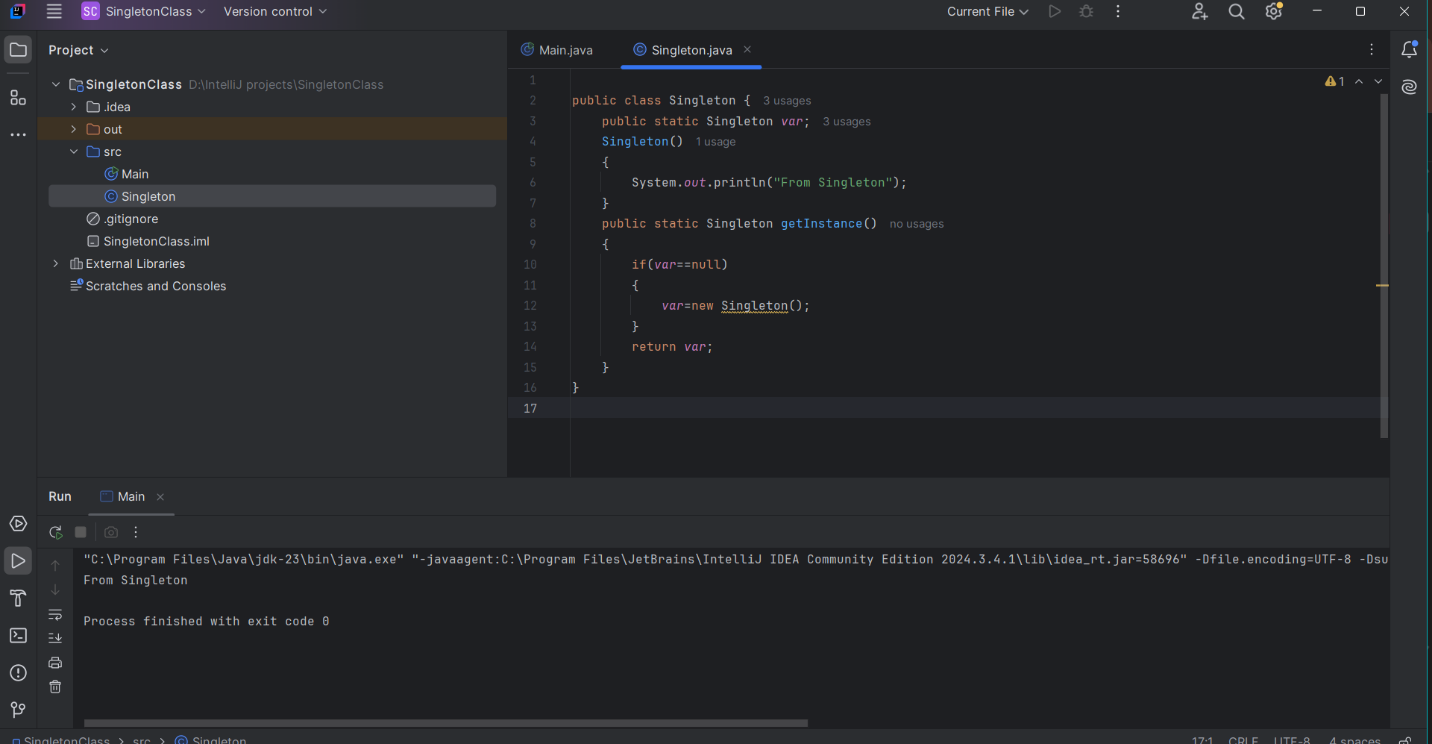
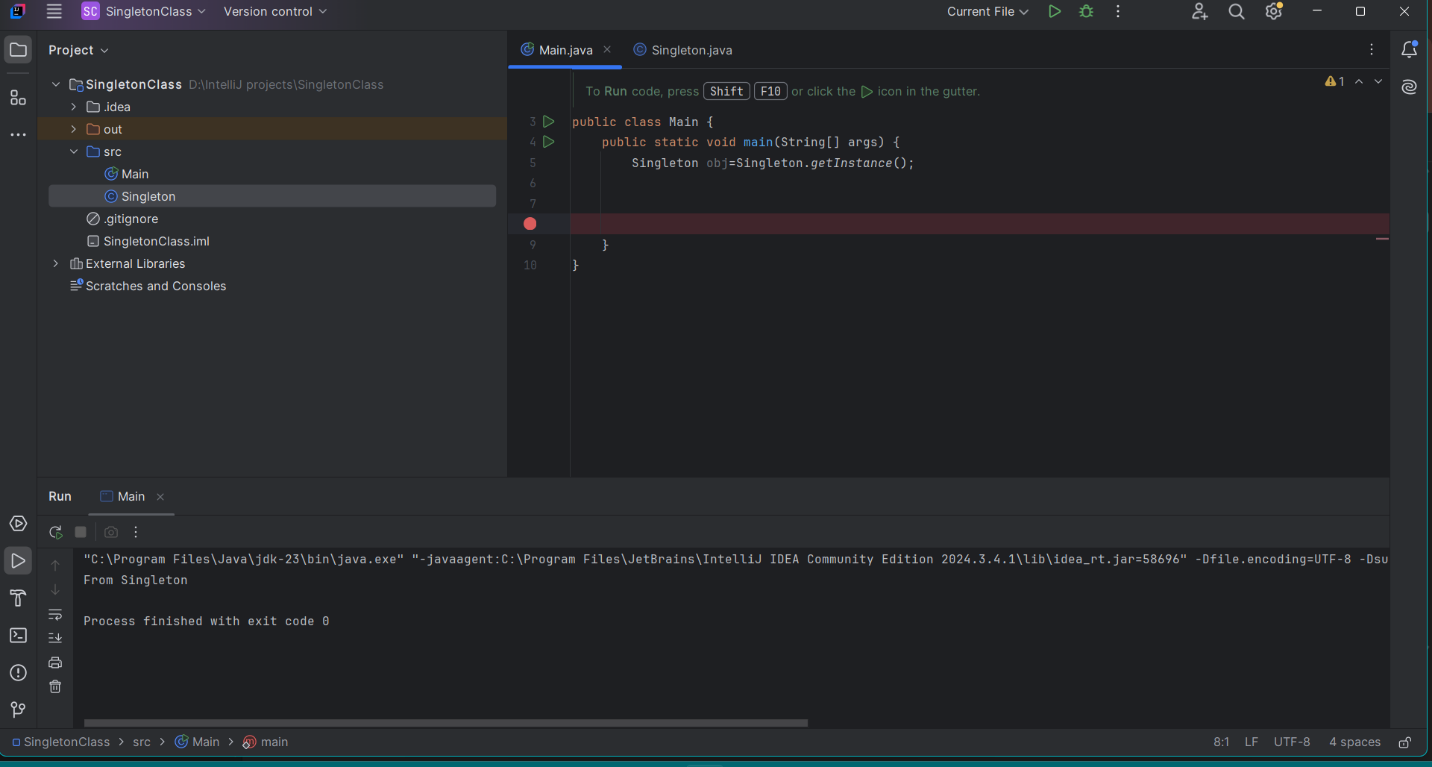
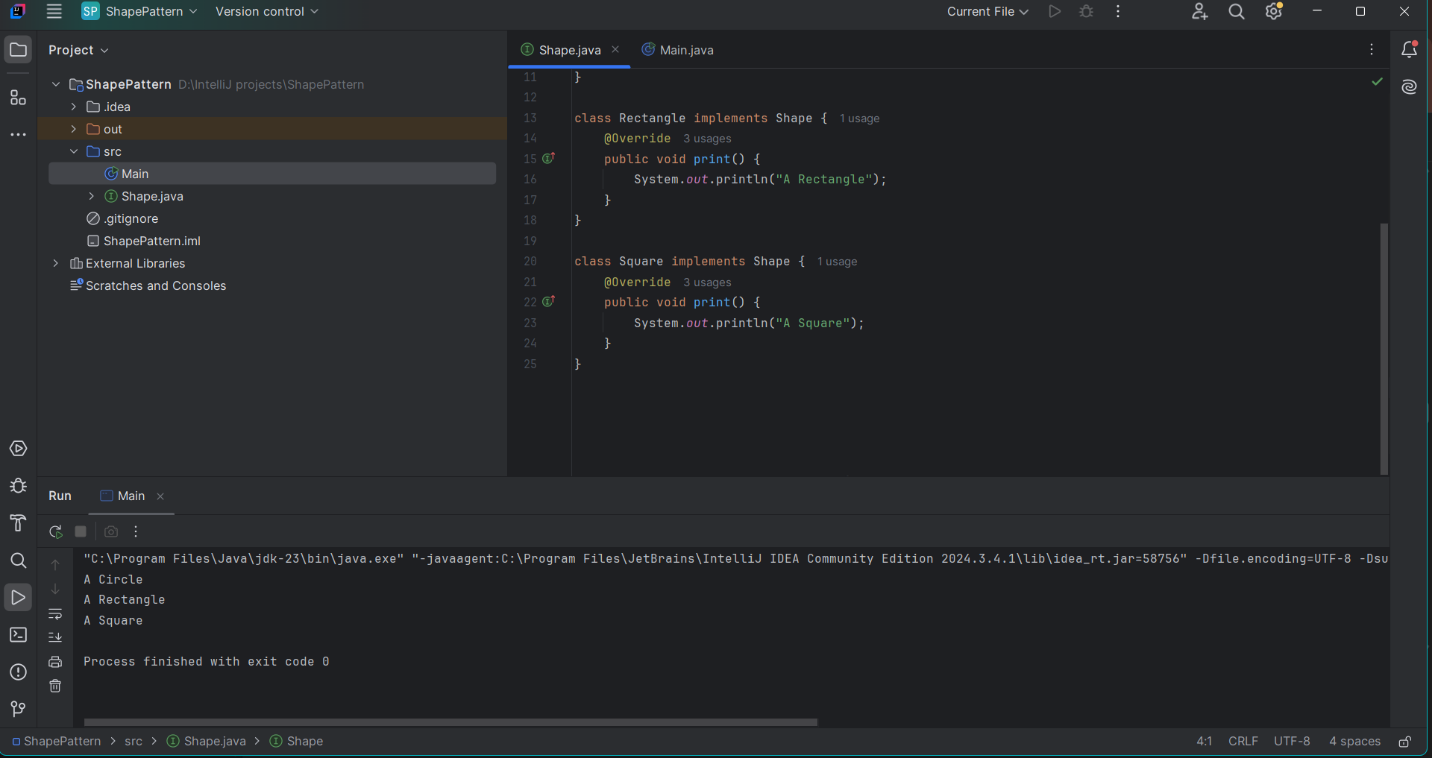
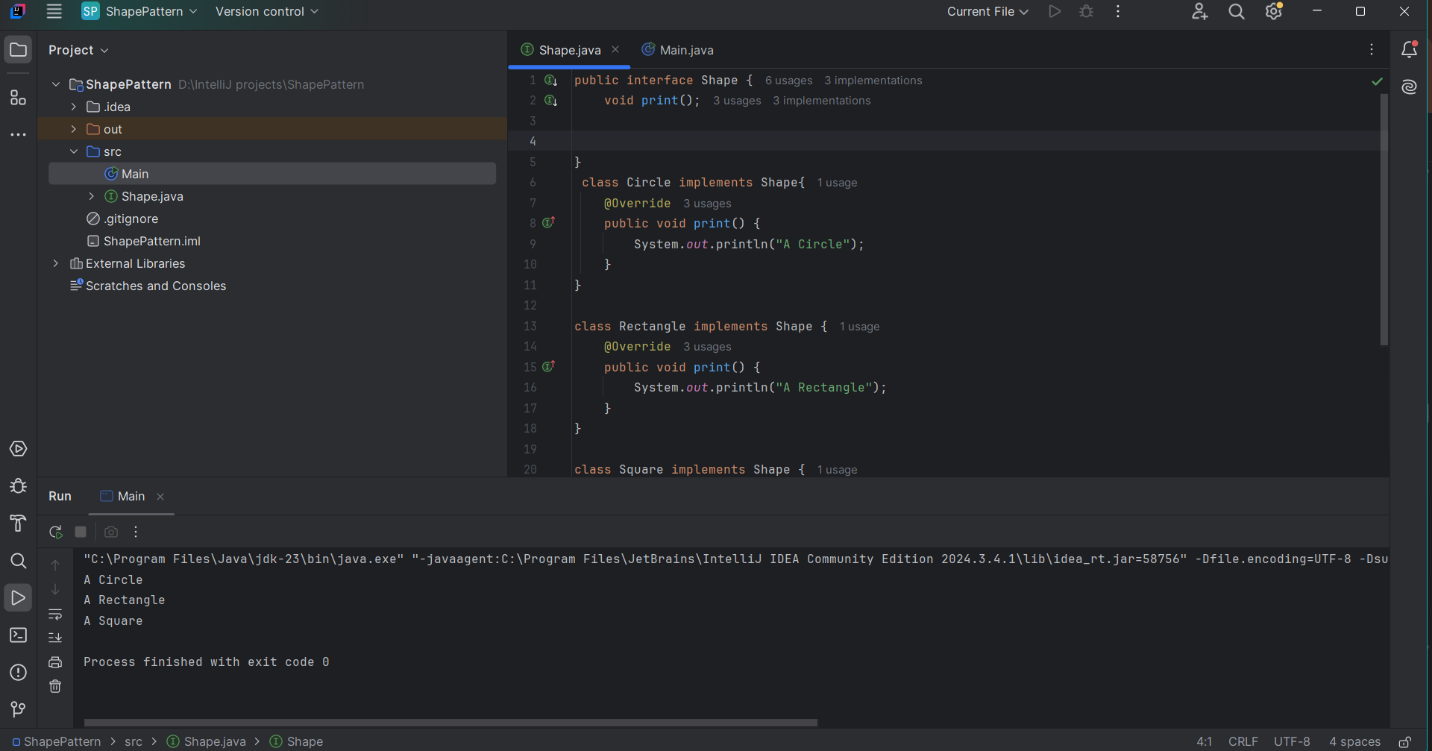
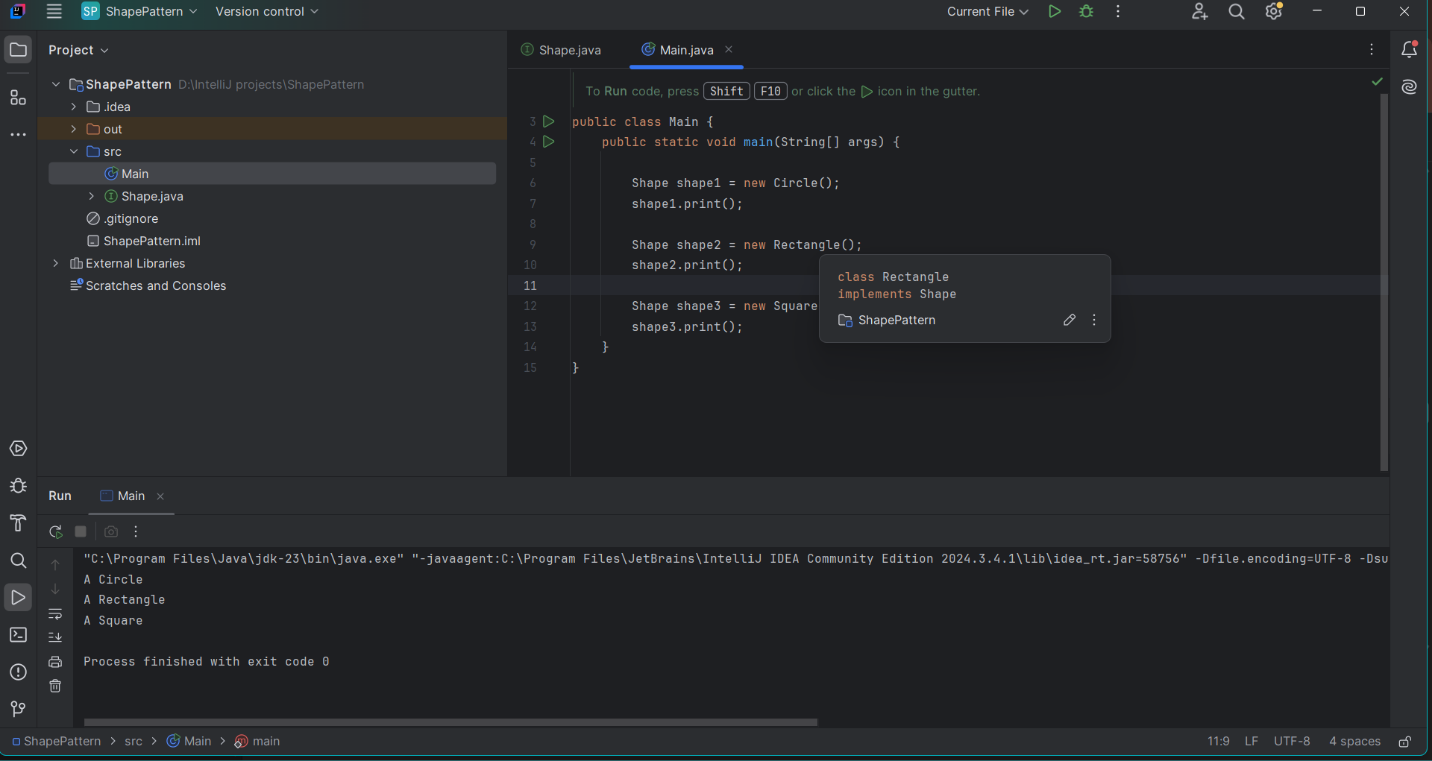
**Exercise 1: Implementing the Singleton Pattern**



**Exercise 2: Implementing the Factory Method Pattern**





**Exercise 3: E-commerce Platform Search Function**

