**Problem 1:**

File : Problem\_1\src\university\course\Course.java



File : Problem\_1\src\university\department\Department.java



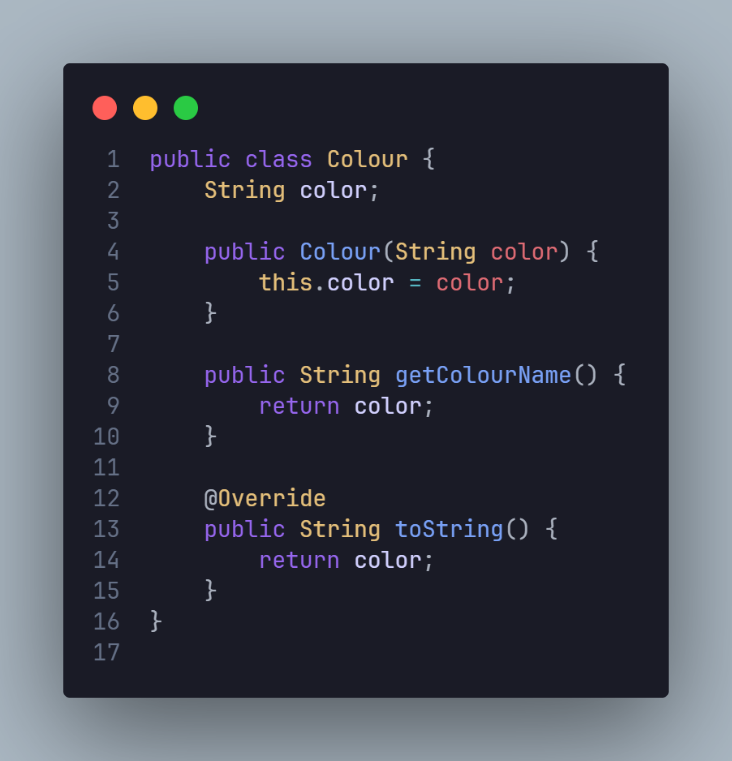
File : Problem\_1\src\Main.java

A screen shot of a computer program

AI-generated content may be incorrect.

Problem 2:

File : Problem\_2\src\Colour.java



File : Problem\_2\src\Product.java



File : Problem\_2\src\Shelf.java



File : Problem\_2\src\Desk.java

A screen shot of a computer program

AI-generated content may be incorrect.

File : Problem\_2\src\Main.java

A screen shot of a computer program

AI-generated content may be incorrect.

Problem 3 :

File : Problem\_3\src\package1\Laibrary.java



File : Problem\_3\src\package2\Reader.java

A computer screen shot of a program code

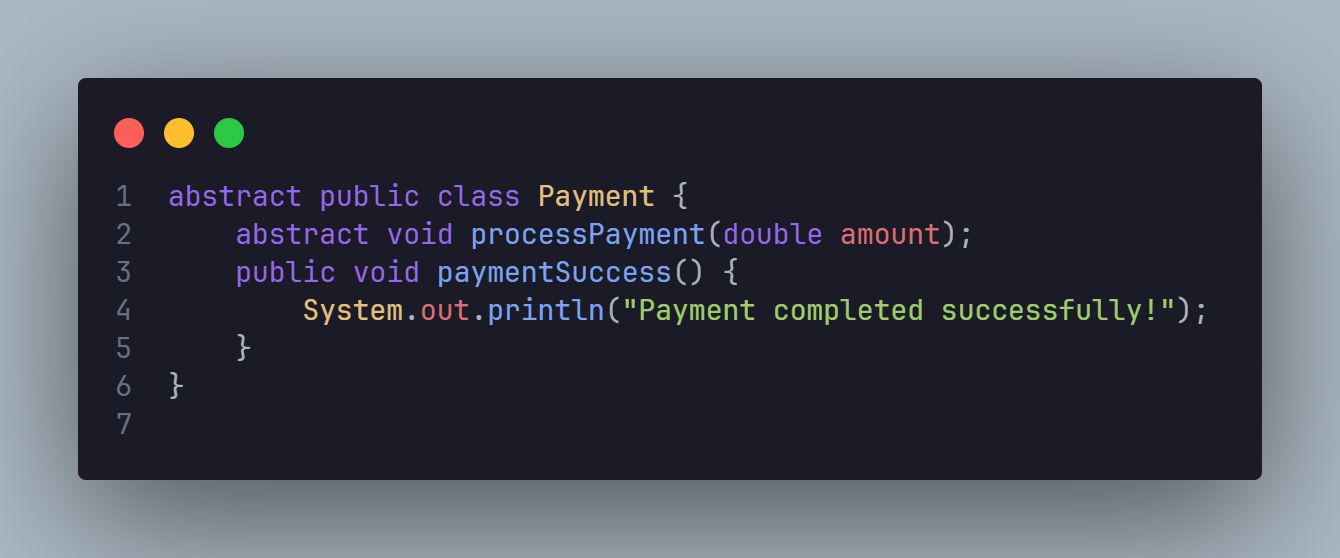
AI-generated content may be incorrect.

File : Problem\_3\src\package2\MainClass.java



Problem 4 :

File : Problem\_4\src\Payment.java



File : Problem\_4\src\CreditCardPayment.java

A screen shot of a computer screen

AI-generated content may be incorrect.

File : Problem\_4\src\MobileBankingPayment.java

A screen shot of a computer code

AI-generated content may be incorrect.

File : Problem\_4\src\Main.java

