Java Homework2

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1. Questions and Answers
2. (10%) What is the default package and what does it do?

Default package會跟application class放在不同file但同路徑上，default package不用特地import進我們的application class，是自動 ”default” compile進去當作source code。

1. Questions and Answers

Please outline and list important methods in the following classes from Java SE API Documentation. Each one needs at least two methods with description for their functionality.

1. (10%) Class Scanner
2. Method1:

String next()

1. Description:

Find and returns the next complete token from this scanner. (遇到space會中斷)

1. Method2:

Void close()

1. Description:

Closes this scanner. (最後一定要close scanner不然會有warning)

1. (10%) Class Graphics
2. Method1:

abstract Graphics create()

1. Description:

Creates a new Graphics object that is a copy of this Graphics object.

1. Method2:

abstract void drawLine(int x1, int y1, int x2, int y2)

1. Description:

Draws a line, using the current color, between the points (x1, y1) and (x2, y2) in this graphics context's coordinate system.

1. (10%) Class GraphicsContext
2. Method1:

Paint getFill()

1. Description:

Gets the current fill paint attribute.

1. Method2:

Void moveTo(double x0, double y0)

1. Description:

Issues a move command for the current path to the given x,y coordinate.