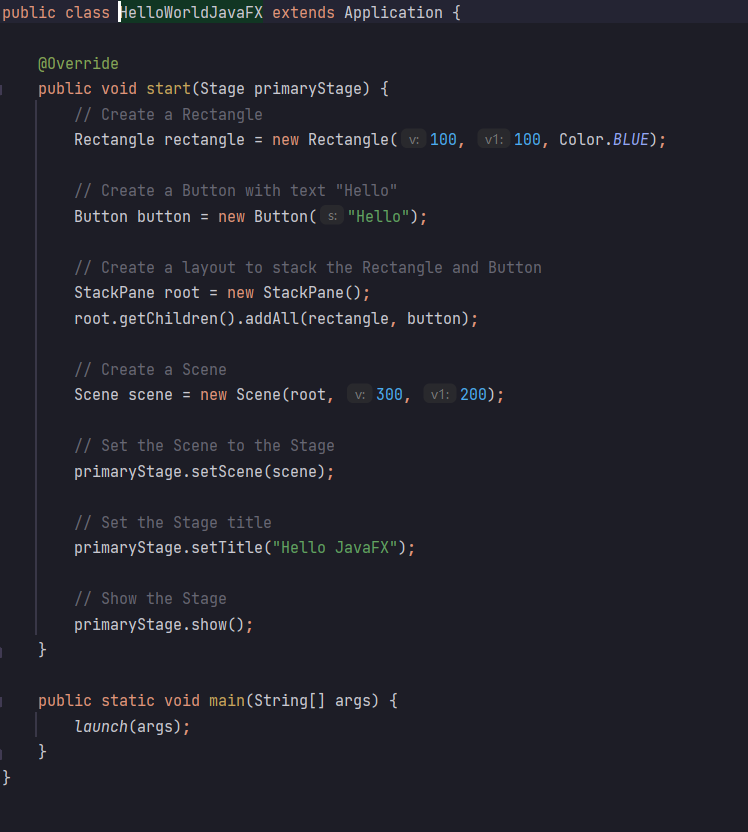
**Quiz for Java Programming** (Tutor: cyd@bupt.edu.cn)

Unit04-GUI Programming – JavaFX Basics

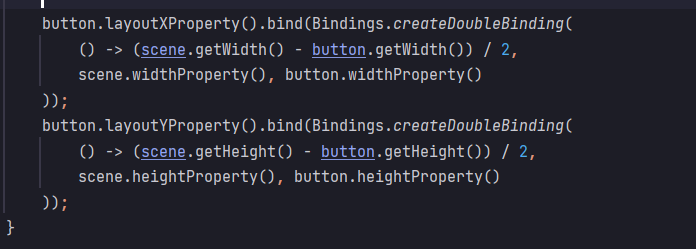
1. A JavaFX program should explicitly override Application. start method.
2. In JavaFX, an Stage is the basic class of a program; a Scene is like a window; a

Pane is like a panel for putting components.

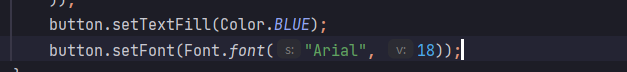
1. Write a javafx program which shows one rectangle and a button with text "Hello".



1. Based on qui[z3,](#_bookmark0) using binding properties to make the "Hello" button stay in the center when the window is enlarged or shrunk.



1. Based on [quiz4,](#_bookmark1) using Color and Font class to change the properties of the "Hello" button.



1. Using proper Pane to draw the following picture. You can omit the table border.

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| 56 个民族图标顺序排列 | | | | | |
|  | 乾 | 坤 | 震 | 巽 |  |
| 文本块：唐诗《咏 | （☰） | （☷） | （☳） | （☴） |
| 鹅》 | 坎 | 离 | 艮 | 兑 |
|  | （☵） | （☲） | （☶） | （☱） |
|  | 按钮 1 |  |  | 按钮 2 |  |

All images can be obtained at: <https://gitee.com/bupt-se/jpl-images>

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