35 NGÀY

NGÀY 1 :

[00:00](https://www.youtube.com/watch?v=6_N8QZ47toY&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=1&t=0s) Intro (Giới thiệu)

[00:41](https://www.youtube.com/watch?v=6_N8QZ47toY&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=1&t=41s) What is a Platformer game?

[01:01](https://www.youtube.com/watch?v=6_N8QZ47toY&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=1&t=61s) Who is this for?

[01:55](https://www.youtube.com/watch?v=6_N8QZ47toY&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=1&t=115s) What will you need?

[03:57](https://www.youtube.com/watch?v=6_N8QZ47toY&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=1&t=237s) Why Java?

[04:31](https://www.youtube.com/watch?v=6_N8QZ47toY&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=1&t=271s) What will we learn?

[04:57](https://www.youtube.com/watch?v=6_N8QZ47toY&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=1&t=297s) Where can i find the code and assets?

[05:16](https://www.youtube.com/watch?v=6_N8QZ47toY&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=1&t=316s) Will it cost anything?

[05:30](https://www.youtube.com/watch?v=6_N8QZ47toY&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=1&t=330s) Our first project

[06:46](https://www.youtube.com/watch?v=6_N8QZ47toY&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=1&t=406s) What will will do today

[08:03](https://www.youtube.com/watch?v=6_N8QZ47toY&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=1&t=483s) First Class

[09:58](https://www.youtube.com/watch?v=6_N8QZ47toY&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=1&t=598s) Game Class

[12:03](https://www.youtube.com/watch?v=6_N8QZ47toY&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=1&t=723s) Window Class, JFrame

[16:34](https://www.youtube.com/watch?v=6_N8QZ47toY&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=1&t=994s) Making sure we avoid a bug

[17:05](https://www.youtube.com/watch?v=6_N8QZ47toY&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=1&t=1025s) GamePanel class, JPanel

[18:49](https://www.youtube.com/watch?v=6_N8QZ47toY&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=1&t=1129s) paintComponent and Graphics explained

[20:21](https://www.youtube.com/watch?v=6_N8QZ47toY&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=1&t=1221s) super.paintComponent(g) explained

[22:21](https://www.youtube.com/watch?v=6_N8QZ47toY&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=1&t=1341s) Our first drawing

[23:37](https://www.youtube.com/watch?v=6_N8QZ47toY&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=1&t=1417s) Putting the panel inside the frame

[25:16](https://www.youtube.com/watch?v=6_N8QZ47toY&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=1&t=1516s) Its Working!

[25:56](https://www.youtube.com/watch?v=6_N8QZ47toY&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=1&t=1556s) To Summarize

[26:27](https://www.youtube.com/watch?v=6_N8QZ47toY&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=1&t=1587s) Outro with links

NGÀY 2 :

[00:00](https://www.youtube.com/watch?v=6Tj6XYGWfko&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=2&t=0s) Intro

[00:42](https://www.youtube.com/watch?v=6Tj6XYGWfko&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=2&t=42s) Recap and SpawnFix for window

[01:29](https://www.youtube.com/watch?v=6Tj6XYGWfko&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=2&t=89s) Adding KeyboardInputs

[02:59](https://www.youtube.com/watch?v=6Tj6XYGWfko&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=2&t=179s) extends vs implements

[04:02](https://www.youtube.com/watch?v=6Tj6XYGWfko&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=2&t=242s) Testing if it works

[04:29](https://www.youtube.com/watch?v=6Tj6XYGWfko&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=2&t=269s) requestFocus

[05:18](https://www.youtube.com/watch?v=6Tj6XYGWfko&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=2&t=318s) Testing again

[05:43](https://www.youtube.com/watch?v=6Tj6XYGWfko&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=2&t=343s) Checking for specific key inputs

[06:49](https://www.youtube.com/watch?v=6Tj6XYGWfko&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=2&t=409s) Testing

[07:17](https://www.youtube.com/watch?v=6Tj6XYGWfko&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=2&t=437s) Adding MouseInputs

[10:18](https://www.youtube.com/watch?v=6Tj6XYGWfko&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=2&t=618s) Testing MouseInputs

[10:57](https://www.youtube.com/watch?v=6Tj6XYGWfko&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=2&t=657s) Moving the Rectangle with inputs

[14:13](https://www.youtube.com/watch?v=6Tj6XYGWfko&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=2&t=853s) Testing

[14:22](https://www.youtube.com/watch?v=6Tj6XYGWfko&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=2&t=862s) repaint()

[15:26](https://www.youtube.com/watch?v=6Tj6XYGWfko&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=2&t=926s) Testing

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[16:08](https://www.youtube.com/watch?v=6Tj6XYGWfko&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=2&t=968s) Adding MouseInputs to the rectangle

[18:30](https://www.youtube.com/watch?v=6Tj6XYGWfko&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=2&t=1110s) Final Result

[18:53](https://www.youtube.com/watch?v=6Tj6XYGWfko&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=2&t=1133s) Outro

NGÀY 3:

[00:00](https://www.youtube.com/watch?v=aFS9Whsoecc&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=3&t=0s) Intro

[00:32](https://www.youtube.com/watch?v=aFS9Whsoecc&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=3&t=32s) Recap

[01:25](https://www.youtube.com/watch?v=aFS9Whsoecc&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=3&t=85s) What will we do today

[02:18](https://www.youtube.com/watch?v=aFS9Whsoecc&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=3&t=138s) Repaint loop

[03:05](https://www.youtube.com/watch?v=aFS9Whsoecc&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=3&t=185s) FPS Counter

[06:26](https://www.youtube.com/watch?v=aFS9Whsoecc&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=3&t=386s) Adding Visuals

[14:43](https://www.youtube.com/watch?v=aFS9Whsoecc&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=3&t=883s) Color Fix

[15:17](https://www.youtube.com/watch?v=aFS9Whsoecc&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=3&t=917s) Thread and Runnable

[17:31](https://www.youtube.com/watch?v=aFS9Whsoecc&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=3&t=1051s) the Game Loop

[25:18](https://www.youtube.com/watch?v=aFS9Whsoecc&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=3&t=1518s) FPS check move

[26:36](https://www.youtube.com/watch?v=aFS9Whsoecc&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=3&t=1596s) Magic

[27:18](https://www.youtube.com/watch?v=aFS9Whsoecc&list=PL4rzdwizLaxYmltJQRjq18a9gsSyEQQ-0&index=3&t=1638s) Outro

NGÀY 4 :