

Adding Radio Buttons

Spoken Tutorial Project

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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Video production by: Spoken Tutorial Team

IIT Bombay
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Learning Objectives



Learning Objectives

- **Add a Radio Group and Radio Buttons**



Learning Objectives

- **Add a Radio Group and Radio Buttons**
- **Run the Kotlin App to see the output in an Android phone**



System Requirements



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To record this tutorial, I am using



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- **Ubuntu Linux 16.04 operating system**



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- **Android Studio version 3.x**



System Requirements

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- **Ubuntu Linux 16.04 operating system**
- **Android Studio version 3.x**
- **Android Phone with minimum of Android OS version 4.03**



Pre-requisites



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- Java programming language



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- **Java programming language**
- **Android Studio**



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Pre-requisites

- Java programming language
- Android Studio

If not, then go through the relevant tutorials on this

<http://spoken-tutorial.org>



Why Radio Group?



Why Radio Group?

- Radio group can hold the Radio Buttons



Why Radio Group?

- **Radio group can hold the Radio Buttons**
- **When Radio Buttons are placed inside a Radio Group, the user can only select one button at one time**



Why Radio Group?

- Radio group can hold the Radio Buttons
- When Radio Buttons are placed inside a Radio Group, the user can only select one button at one time
- We can have any number of Radio Groups as per the requirement



Declaring Variables in Kotlin



Declaring Variables in Kotlin

- `var x = 5`



Declaring Variables in Kotlin

- `var x = 5`
- `val x = 5`



Declaring Variables in Kotlin

- `var x = 5`
- `val x = 5`
- `val x: Int = 5`



Declaring Variables in Kotlin

- `var x = 5`
- `val x = 5`
- `val x: Int = 5`
- `val x:Int`
`x = 5`



Summary

In this tutorial we have learnt to

- **Add Radio Groups and Radio Buttons**
- **Run the Kotlin App to see the output in an Android phone**



Assignment

- 1 Add one more Radio Button to the Radio Group and change the Text Attribute as **Others**
- 2 Run the Kotlin App to check the output



About the Spoken Tutorial Project

- Watch the video available at http://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- It summarises the Spoken Tutorial project
- If you do not have good bandwidth, you can download and watch it



Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- Conducts workshops using spoken tutorials
- Gives certificates on passing online test
- For more details, please write to contact@spoken-tutorial.org



Forum for specific questions

- Do you have questions in **THIS Spoken Tutorial?**
- Please visit <http://forums.spoken-tutorial.org>
- Choose the minute and second where you have the question
- Explain your question briefly
- Someone from our team will answer them



Acknowledgements

- **Spoken Tutorial Project is a part of the Talk to a Teacher project**
- **It is supported by the National Mission on Education through ICT, MHRD, Government of India**
- **More information on this Mission is available at**

<http://spoken-tutorial.org/NMEICT-Intro>



Thank you

- The **Android app** and the script for this tutorial was contributed by **Abhishek Shah** (*FOSSEE Fellow 2018*)
- The video has been created by **Spoken Tutorial team, IIT Bombay**

