**Assignment-4**

1. Create an application that designs a layout having two text boxes user name and

password. The user and password will be taken from the user. The username and

password will be verified from the username and password stored in the resources

folder. If the verification is successful then a new layout will appear which will

contain two text boxes bold\_text and italic\_text. The text for both the text boxes

will be fetched from the resources folder. Create two styles named italic and bold

which will be applied on two text view so that the text in bold\_text text box

appears bold and text in italic\_text text box appears italic.

1. Create an application that designs a layout having a toggle button. The toggle

button should be set OFF as default. When the toggle button is set ON than a toast

should be displayed with a message ‘Toggle button is set ON’ and when the toggle

button is set OFF than a toast should be displayed with a message ‘Toggle button is

set OFF’.

1. Create an application that designs a layout with three check boxes named with the

hobbies (e.g.: cricket, tennis, badminton etc). When the cricket check box is

checked than a toast should be displayed with the message ‘Your hobby is Cricket’.

When the tennis check box is checked than a toast should be displayed with the

message ‘Your hobby is tennis’. When the badminton check box is checked than a

toast should be displayed with the message ‘Your hobby is badminton’. When the

cricket and badminton check boxes both are checked than a toast should be

displayed with the message ‘Your hobby is cricket and badminton’. When the

cricket and tennis check boxes both are checked than a toast should be displayed

with the message ‘Your hobby is cricket and tennis’. When the badminton and

tennis check boxes both are checked than a toast should be displayed with the

message ‘Your hobby is badminton and tennis’. When all the tree check boxes are

checked than the toast should be displayed with the message ‘Your hobbies are

tennis, cricket and badminton’.

1. Create an application that designs a layout having three check boxes named Bold,

Italic, Bold Italic and one text view. The text view must contain a static text. When

the Bold check box is checked than the text in the text view must convert to Bold.

When the Italic check box is checked than the text in the text view must convert to

Italic. When the Bold Italic check box is checked than the text in the text view must

convert to bold and italic both. When the Bold checkbox and Italic check box both

are checked than the text in the text view must convert to bold and italic both.

1. Create an application that designs a layout having a toggle button. The toggle

button should be set OFF as default. When the toggle button is set ON than the

background color of the layout should be changed to blue color and when the

toggle button is set OFF than the background color of the layout should be changed

to red color.

1. Create an application that designs a layout with spinner and an image view. The

spinner should contain various shapes like circle, rectangle and rounded rectangle.

When a shape is selected from the spinner that shape should be drawn in the

image view. (Hint: Use shape Drawable or xml files for shapes on image view)

1. Create an application that designs a layout having three Radio buttons named

Green, Red, Blue and one text view. The text view must contain a static text. When

the Green Radio Button is clicked than the font color of the text in the text view

must be changed to Green. When the Red Radio Button is clicked than the font

color of the text in the text view must be changed to Red. When the Blue Radio

Button is clicked than the font color of the text in the text view must be changed to

Blue.

1. Create an application that designs a layout to get details about student such as

enrollment no. (Text box), name (text box), gender (radio button), Course

(Spinner), Birth date (Date picker) and a button Submit. When user clicks on

button submit all these details should be passed to the next layout and display it as

summary.

1. Create an application that designs a layout having a rating bar. Whenever user

gives the rating then a dialog box should appear with a message and button OK.

The message in the rating bar should be displayed (e.g.: 1.5 rating selected) ‘You

have given 1.5 Rating’. When button OK is pressed than the dialog box should

disappear.