

# AJP-Assignment – 1

- This assignment must be submitted **on or before 05/02/2022, Saturday**.
- Write down practical in your notebook (not in darshan university page), capture neat & clean photos and make a pdf of it.
- Write down **your enrollment number and your name** on each and every page.
- **Each practical must contain screenshots of all necessary outputs followed by code.**
- If you have any query regarding this assignment, feel free to contact me.

Sr. No.	Experiment Name
5	Write an applet that displays the position of the mouse at the upper left corner of the applet when it is dragged or moved. Draw a 10x10 pixel rectangle filed with black at the current mouse position. Also implement mouse listener which overrides all available methods and displays appropriate message.
6	Write a program that contains one button in the frame. Initialize the label on the button to “Start”, when the user presses the button change the label to “Stop”. Each time the button is pressed change the label between these two values.
7	Write a program that has only one button in the frame, clicking on the button background color of the frame cycles through: red->green->blue-> and so on. Also, the label of the button changes with background color. (Use getBackGround() method to get the current color)
8	Write a program that contains three check boxes and 30 x 30-pixel canvas in the frame. The three checkboxes should be labeled “Red”, “Green” and “Blue”. The selection of the check boxes determines the color of the canvas. For example, if the user selects both “Red” and “Blue”, the canvas should be purple.
9	Write a program that contains four radio buttons labeled with lion, tiger, cat and dog in the applet. The selection of the radio button displays corresponding image.
10	Create an application that displays a Registration Form using AWT which has following information Enrollment number, Surname, FirstName, MiddleName, DOB, Gender, Branch, Address, City, State, Mobile no., Hobbies, Languages known and two button Submit and reset. On submit displays all the information in text area. Also, frame has a menu-bar. When a user selects any menu item, display that selection in a text area. Implement same Registration form using Swing.
11	Write a program for Layout Manager (Flow Layout, Grid Layout, Border Layout).