1. Define a JFrame **subclass** that has the following characteristics :

* The frame **title** “*toggle switch”*
* The width 300 the height 200
* At position x=100, y =200 from the screen
* Closing the frame window Exit the program.
* Initially, **the background color is white**

1. The frame has one **pushbutton** (70 height and 70 width ) located at x= 100 , y=100 from the frame .**the button’s text is ON**.
2. When the button is clicked, the background of the frame changes to **Black** **and the text of the button changes to OFF.** If the button is clicked again, the frame returns to the initial state (ON button text and white background color).

