public class Button { ClickListener listener; String name; public Button(String name){ this.name = name; } public void setOnClickListener(ClickListener l){ listener = l; } public void click(){ listener.onClick(); }}public interface ClickListener { public void onClick();}-------------------------public class Screen { public static void main(String[] args) { Button loginBtn = new Button("Login"); Button registeBtn = new Button("Register"); Button logoutBtn = new Button("Logout"); LoginClickListener loginClickListener = new LoginClickListener(); loginBtn.setOnClickListener(loginClickListener); ClickListener l = new ClickListener() { //implementation @Override public void onClick() { System.out.println("You successfully registered!"); } }; registeBtn.setOnClickListener(l); logoutBtn.setOnClickListener(new ClickListener() { @Override public void onClick() { System.out.println("You are successfully Logged out!"); } }); //user is performing the operations registeBtn.click(); loginBtn.click(); logoutBtn.click(); }}class LoginClickListener implements ClickListener{ @Override public void onClick() { System.out.println("You successfully logged in!"); }}