

EXPERIMENT 3

AIM: Display name and roll no on lcd

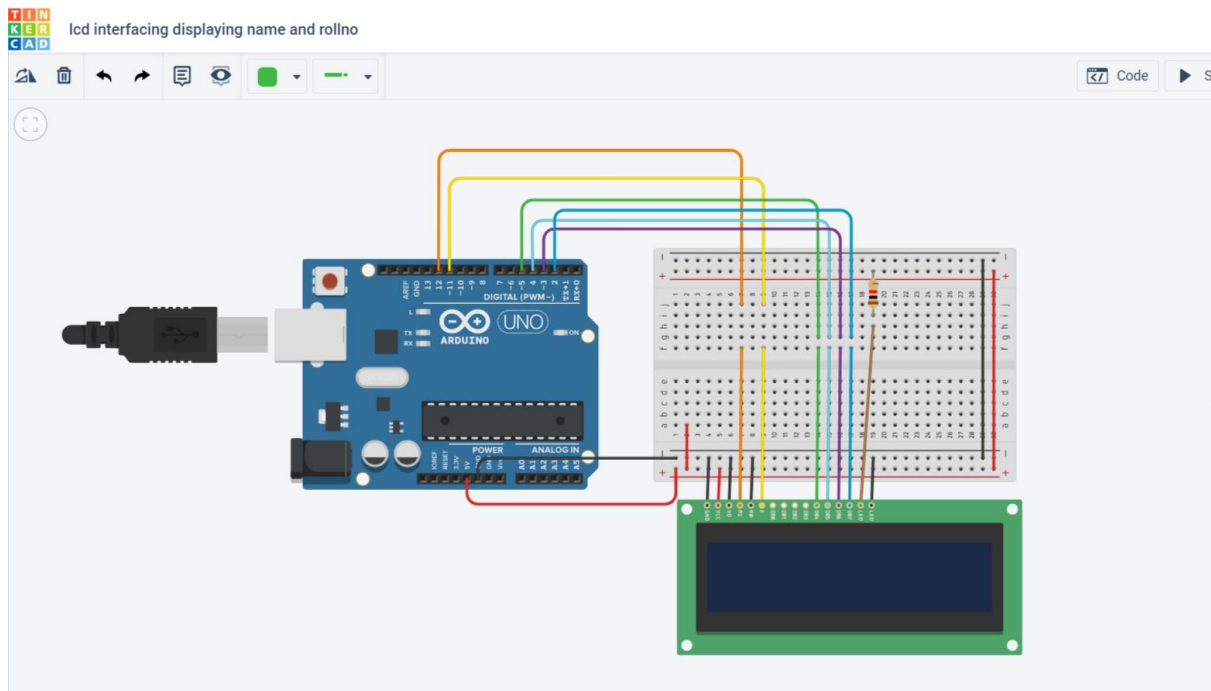
SIMULATOR: Tinkercad

Equipment Required: Arduino Uno R3, Lcd 16 *2 , Breadboard, Resistor 1K Ω

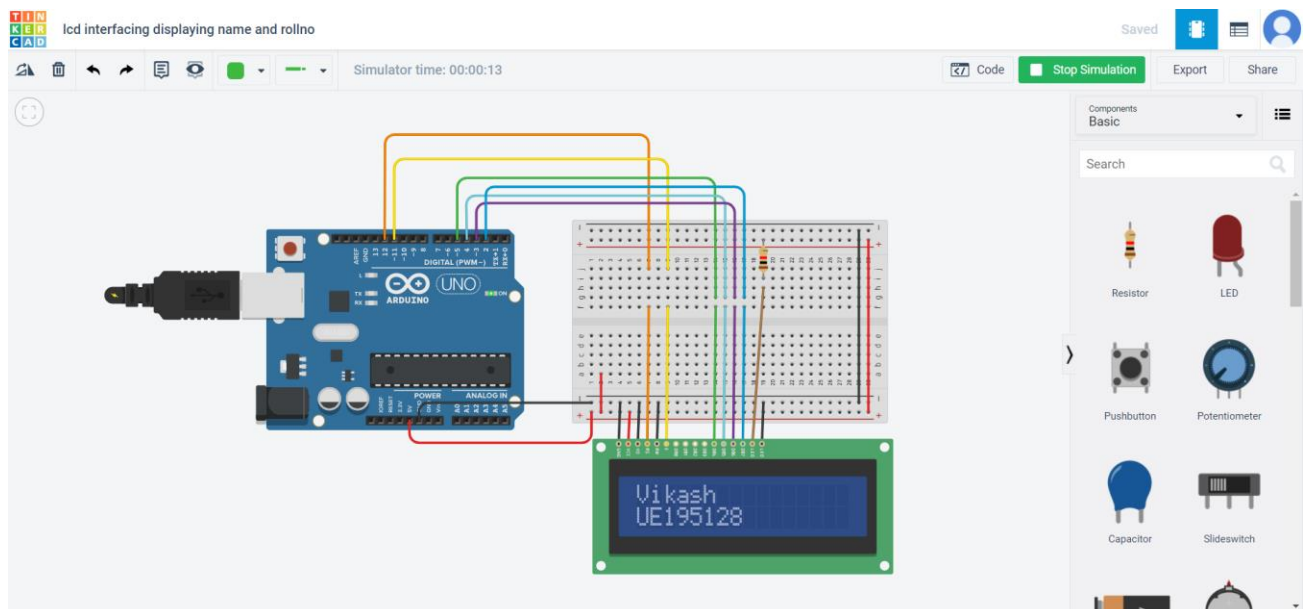
Program Code:

```
Text [v] [Download] [Save] 1 (Arduino Uno R3) [v]
1  #include<LiquidCrystal.h>
2  LiquidCrystal lcd(12,11,5,4,3,2);
3
4  void setup()
5  {
6  lcd.begin(16,2);
7
8  }
9
10 void loop()
11 {
12
13 lcd.setCursor(0,0);
14 lcd.print("Vikash");
15 for(int i=0;i<10;i++){
16 lcd.scrollDisplayRight();
17 lcd.setCursor(0,1);
18 lcd.print("UE195128");
19 delay(100);
20 for(int j=0;j<9;j++){
21 lcd.scrollDisplayRight();
22 delay(100);
23 }
24 }
25 }
```

Circuit Diagram:



Output:



Conclusion: The simulation was successful.