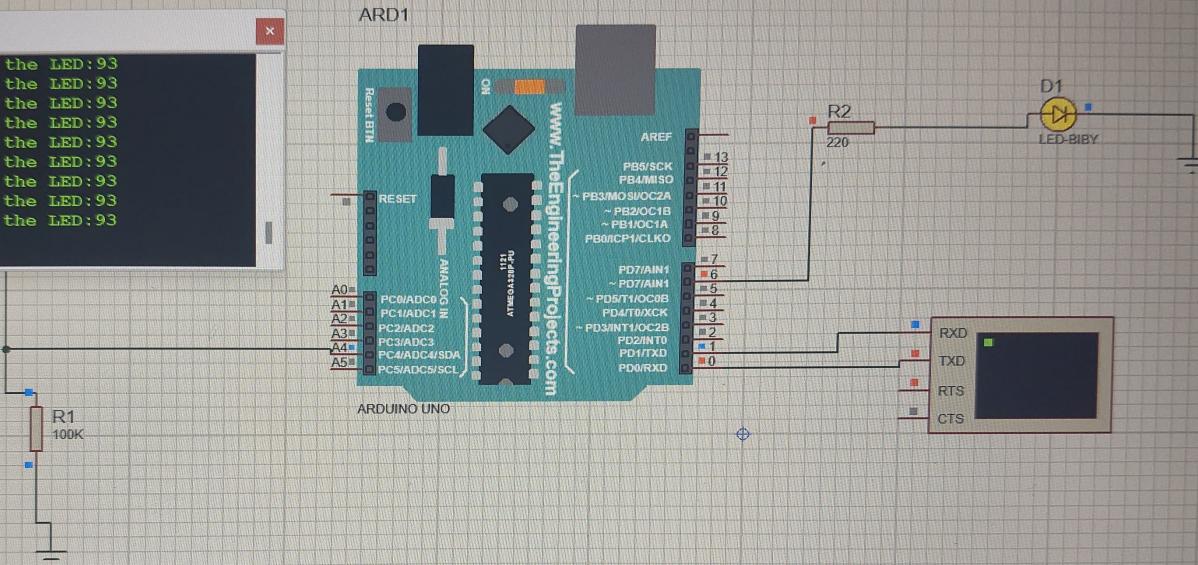
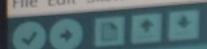


Virtual Terminal



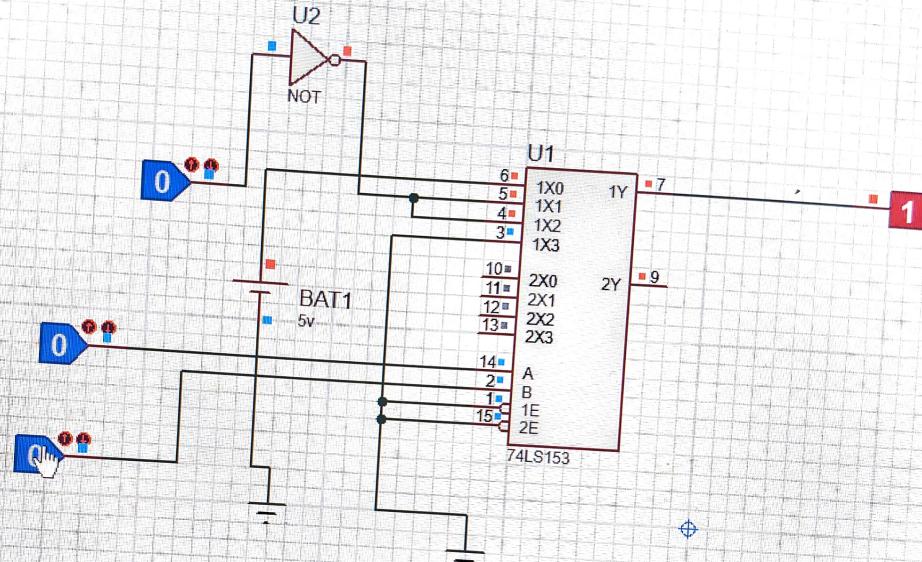


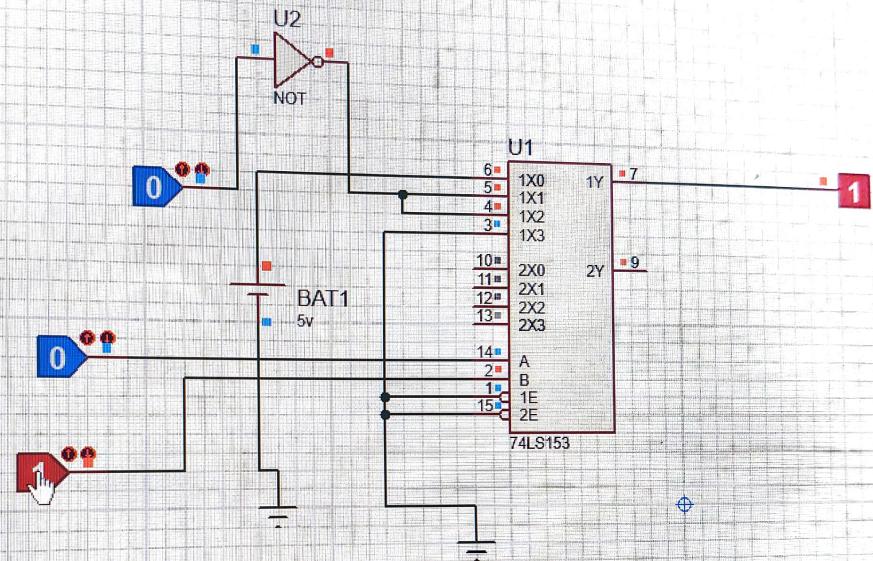
```
ldr_project
1 const int ledpin =6;
2 const int ldrpin =A6;
3 int threshold = 600;
4 void setup() {
5   Serial.begin(9600);
6   pinMode(ledpin,OUTPUT);
7   pinMode(ldrpin,INPUT);
8
9 }
10
11 void loop() {
12   delay(300);
13   int ldrstatus = analogRead(ldrpin);
14   if(ldrstatus<=threshold)
15   {
16     digitalWrite(ledpin,HIGH);
17     Serial.print("Its DARK, turn on the LED:");
18     Serial.println(ldrstatus);
19   }
20   else
21   {
22     digitalWrite(ledpin,LOW);
23     Serial.print("Its BRIGHT,turn off the LED:");
24     Serial.println(ldrstatus);
25   }
26
27 }
```

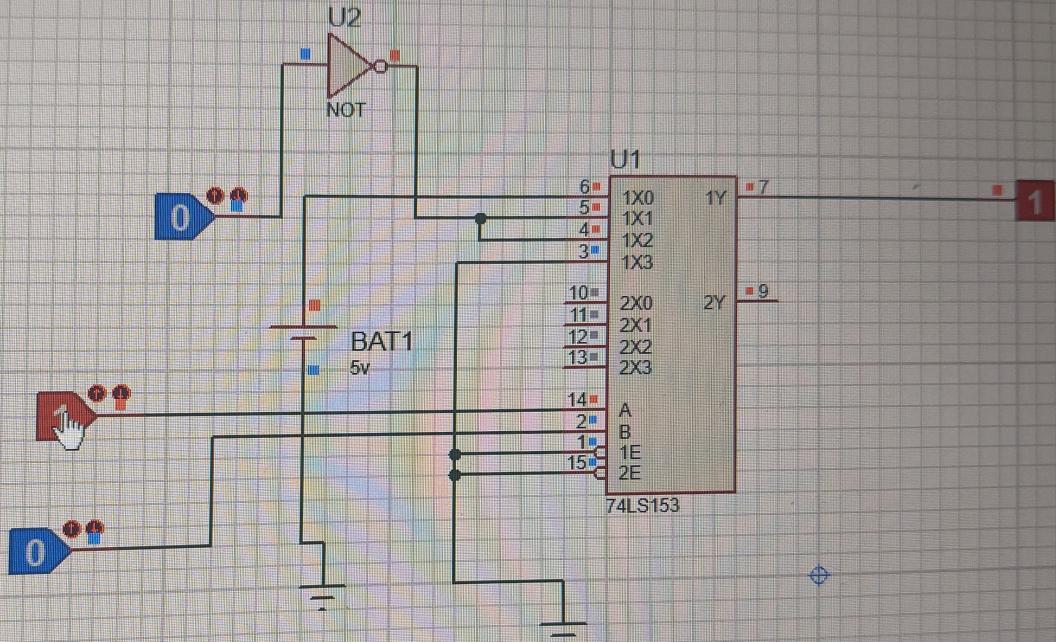


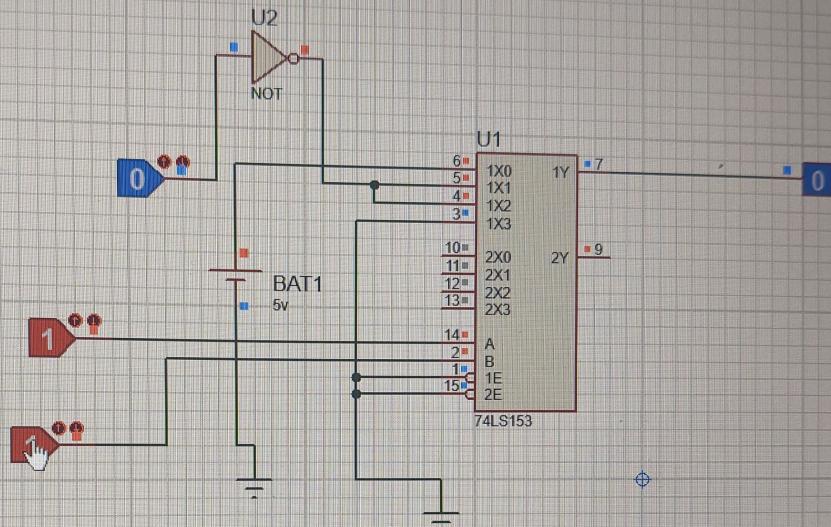
ldr_project

```
1 const int ledpin =6;
2 const int ldrpin =A4;
3 int threshold = 600;
4 void setup() {
5     Serial.begin(9600);
6     pinMode(ledpin,OUTPUT);
7     pinMode(ldrpin,INPUT);
8
9 }
10
11 void loop() {
12     delay(100);
13     int ldrstatus = analogRead(ldrpin);
14     if(ldrstatus<=threshold)
15     {
16         digitalWrite(ledpin,HIGH);
17         Serial.print("Its DRAK, turn on the LED:");
18         Serial.println(ldrstatus);
19     }
20     else
21     {
22         digitalWrite(ledpin,LOW);
23         Serial.print("Its BRIGHT,turn off the LED:");
24         Serial.println(ldrstatus);
25     }
26
27 }
```









CLASS TEST SHEET *new year*

Date of Test _____

Roll No. 26

Reg. No. 12412161

Course Code

Section K24NT

Test No. _____

(Q)

$C(12412161)_{10}$

8	12412161	1
8	1551520	1
8	193940	0
8	24242	4
8	3030	22
8	378	6
8	47	2
8	5	7
	0	5

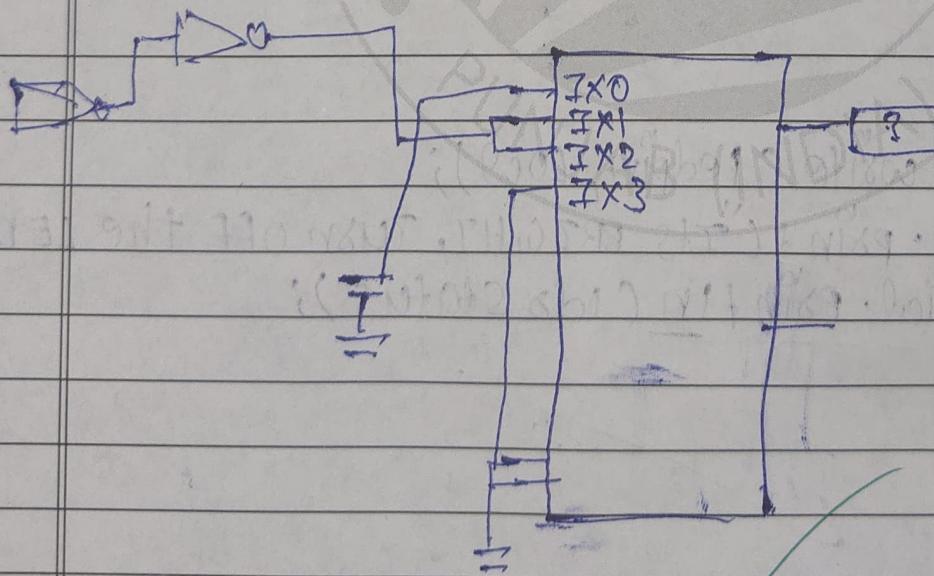
$C(12412161)_{10} \rightarrow C(57262401)_8$

$\Rightarrow f_8(2401)$

$A \backslash BCB\bar{C} \quad \bar{B}C \quad B\bar{C} \quad BC$

$\bar{A}0$	$①_0$	$①_1$	$①_2$	3
$A1$	$④_4$	5	6	7

VCC \bar{A} \bar{A} Gnd



(Q3) 12412161 \Rightarrow 61 \Rightarrow

6 \Rightarrow input 1 \rightarrow output then condition is 18 as output

const int ledPin :- 18; 6;

const int id8pin :- A4;

int threshold = 600;

void setup() {

Serial.begin(9600);

pinMode(ledPin, OUTPUT);

pinMode(Id8pin, INPUT);

}

void loop() {

int id8status = Read.analogRead(Id8pin);

If (id8status <= threshold)

{

digitalWrite(ledPin, HIGH);

Serial.print("It's DARK, turn on the LED:");

serial.println(id8status);

}

else

{

digitalWrite(ledPin, LOW);

Serial.print("It's BRIGHT, turn off the LED:");

serial.println(id8status);

}

delay(100);

}

