Program no 00

Program Title: LED-BLINK

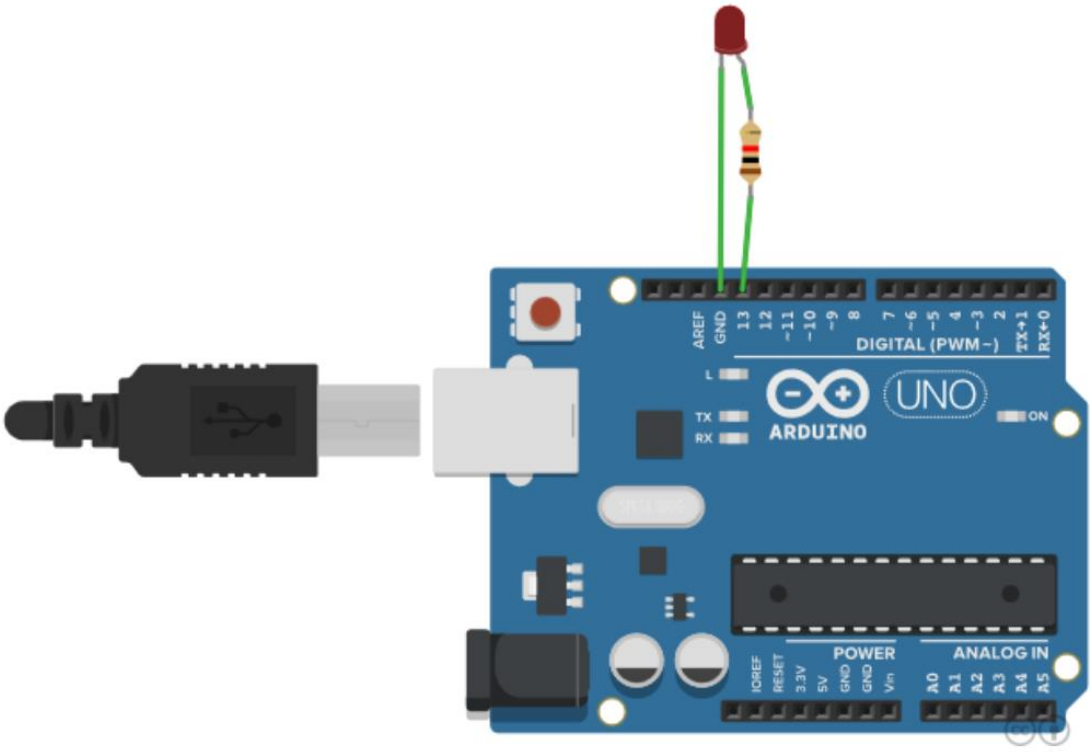
Aim

To demonstrate blinking of Led after delays

Hardware Required

- Arduino Board
- Led Light
- 1 ohm resistor

Circuit Diagram



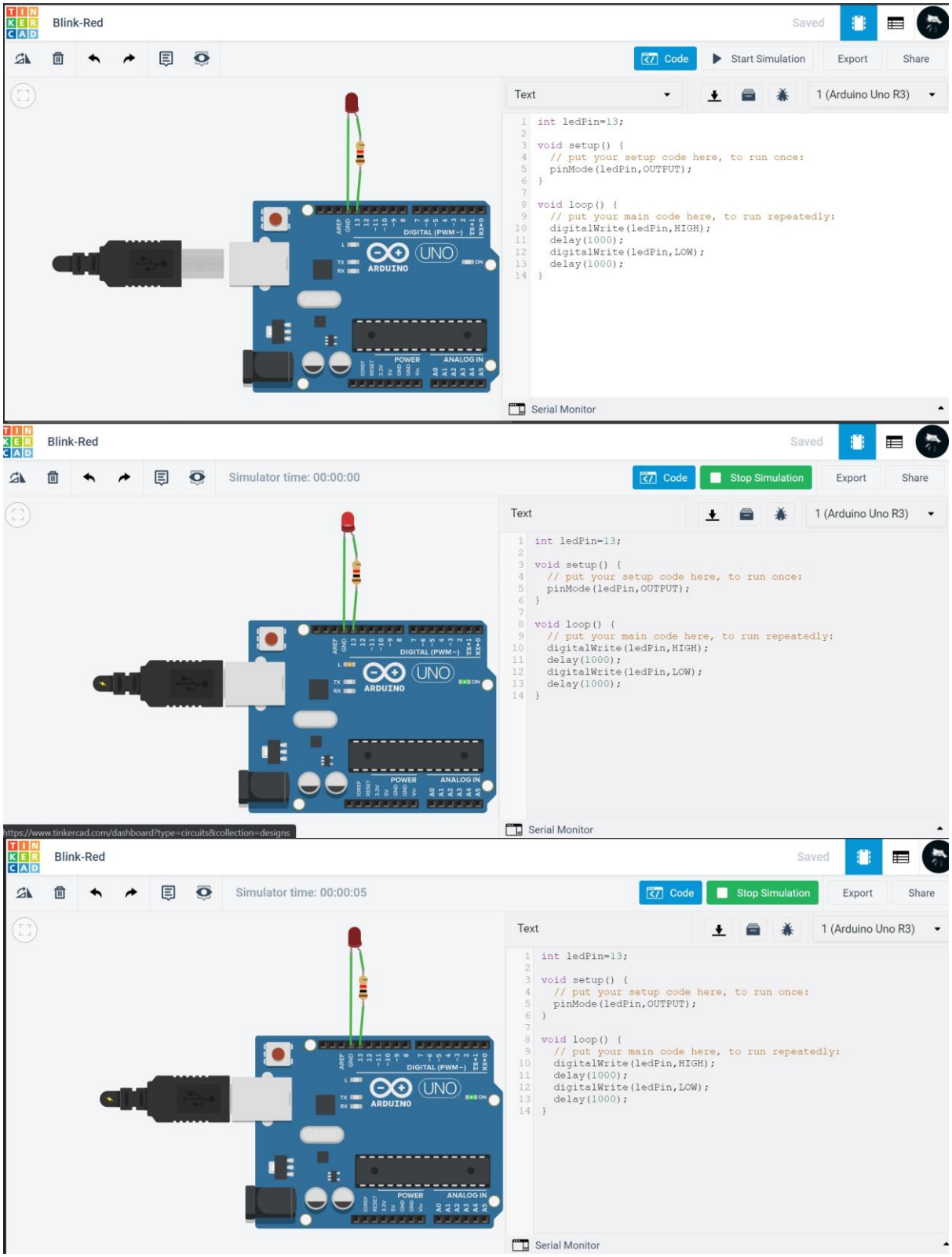
Code:

```
int ledPin=13;
```

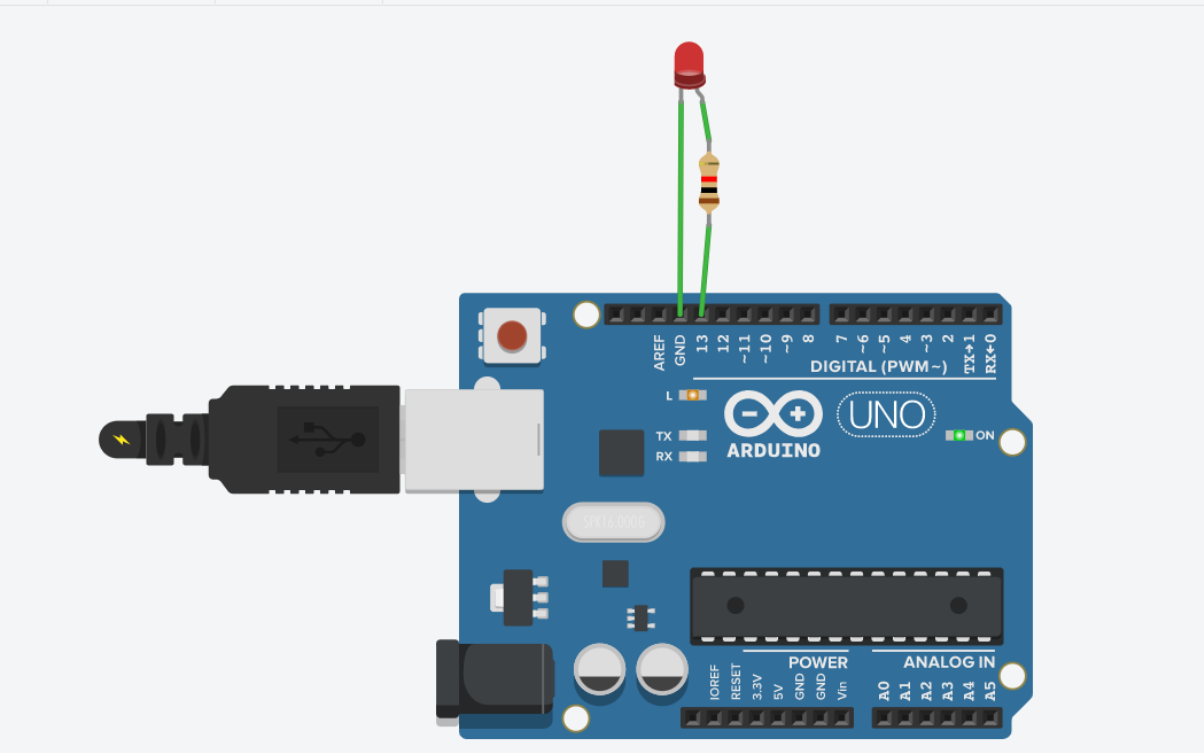
```
void setup() {
  // put your setup code here, to run once:
  pinMode(ledPin,OUTPUT);
}

void loop() {
  // put your main code here, to run repeatedly:
  digitalWrite(ledPin,HIGH);
  delay(1000);
  digitalWrite(ledPin,LOW);
  delay(1000);
}
```

Observation /Output:



The Led blinks after delays



Handwritten –

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1) LED - BLINK

```
int ledPin =13;

void setup()
{
   pinMode(ledPin, OUTPUT);
}

void loop()
{
   digitalWrite(ledPin, HIGH);
   delay(1000);
   digitalWrite(ledPin, Low);
   delay(1000);
}
```