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1BM18CS090

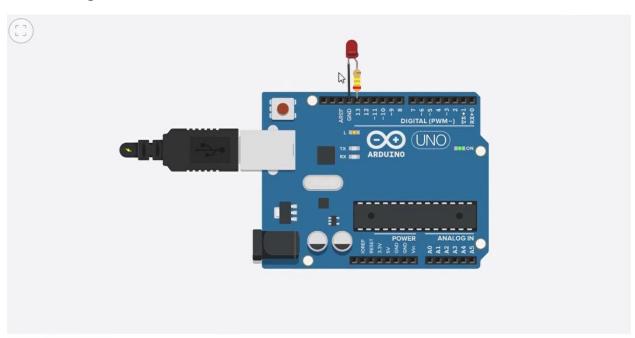
PROGRAM TITLE: BLINKING LED

Aim: TO TURN ON THE LED FOR A SECOND AND TURN IT OFF REPEATEDLY

Hardware Required:

- Arduino Board
- LEDs

Circuit Diagram:



Write-Up:

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LED BLINKING.
Aim: Two on the LFD on for a second, then off for a second, repeatedly.
Hardware Required: • Ardwino Board • LEDs.
· Asduino Board
LEUS.
CODE:
1/ Pini 13 has an LED connected on most Arduino boards.
Void setup()
// viritialise the digital più as an output. puiMode (13, OUTPUT):
void loop()
2 digital Write (13, H167H);// turns the LED on.
delay (1000): // wait for a second. aigital write (13, LOW): turns the LED off.
agitalwrite (13, LOW). Thems the LED off.
delay (1000); // wait for a second.

CODE:

```
void setup()
{
  pinMode(13,OUTPUT);
}
void loop()
{
  digitalWrite(13,HIGH);
  delay(1000);
  digitalWrite(13,LOW);
  delay(1000);
}
```

Observation / Output:

LED is blinking.