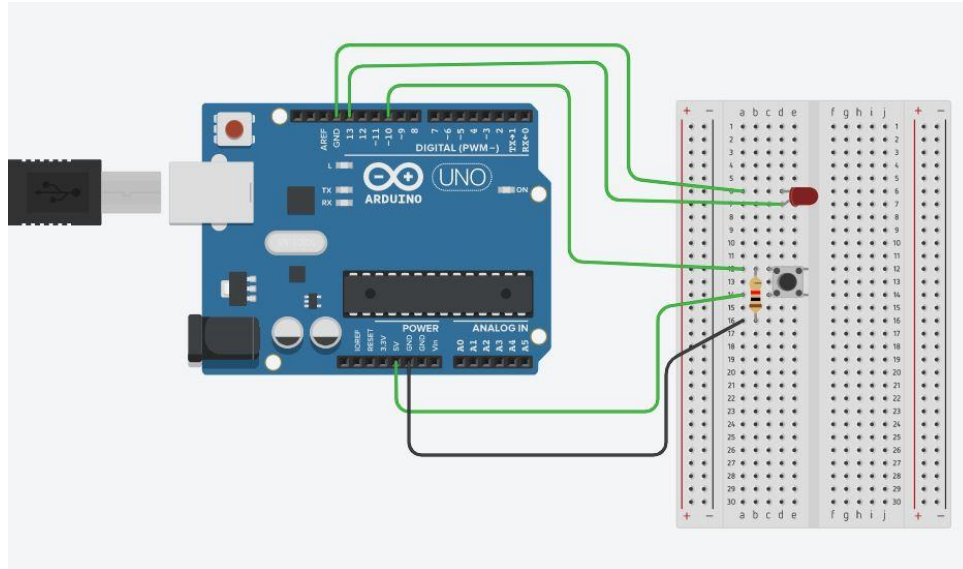


Home Challenge

Circuit diagram



Code:

```
void
setup()
{
    pinMode(13, OUTPUT);
    pinMode(10, INPUT);
}

int count=0;

void loop()
{
    if(digitalRead(10) == HIGH){
        count++;
        for(int i =0 ; i<count; i++){
            digitalWrite(13,HIGH);
        }
    }
}
```

```
    delay(1000);  
    digitalWrite(13, LOW);  
    delay(1000);  
    if(count == 5)  
        count = 0;  
}  
  
}  
}
```

Code: