

ASSIGNMENT-1

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PROGRAM:

```
void setup()
{
  pinMode(3,INPUT);
  pinMode(13,OUTPUT);
}

void loop()
{
  if(digitalRead(3)==HIGH)
  {
    digitalWrite(13,HIGH);
  }
  else
  {
    digitalWrite(13,LOW);
  }
  delay(10);
}
```

SCHEMATIC CIRCUIT:

