

## 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:

