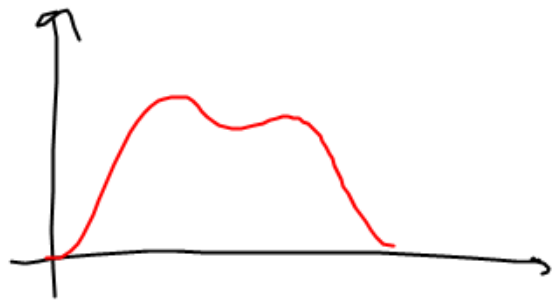




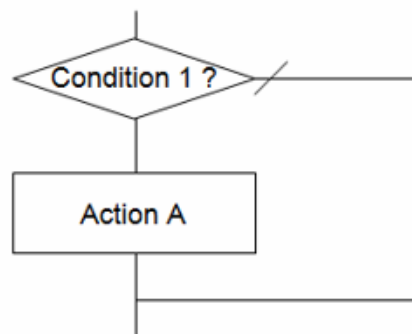
1

0

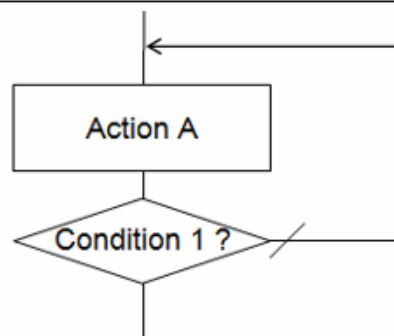
Logique, numérique, TDR



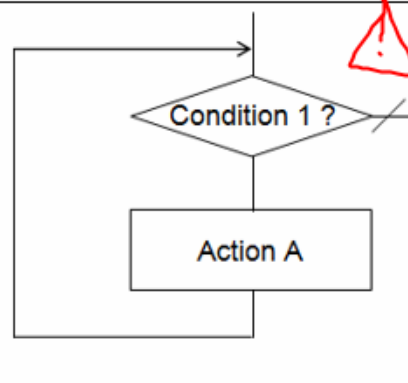
Analogique

SI ... ALORS ...

```
...  
if (Condition 1)  
{ Action A;  
}  
...
```

**SI
ALORS
FINSI**Condition 1
Action A**FAIRE ... JUSQU'A ...**

```
...  
do  
{ Action A  
} while (Condition 1);  
...
```

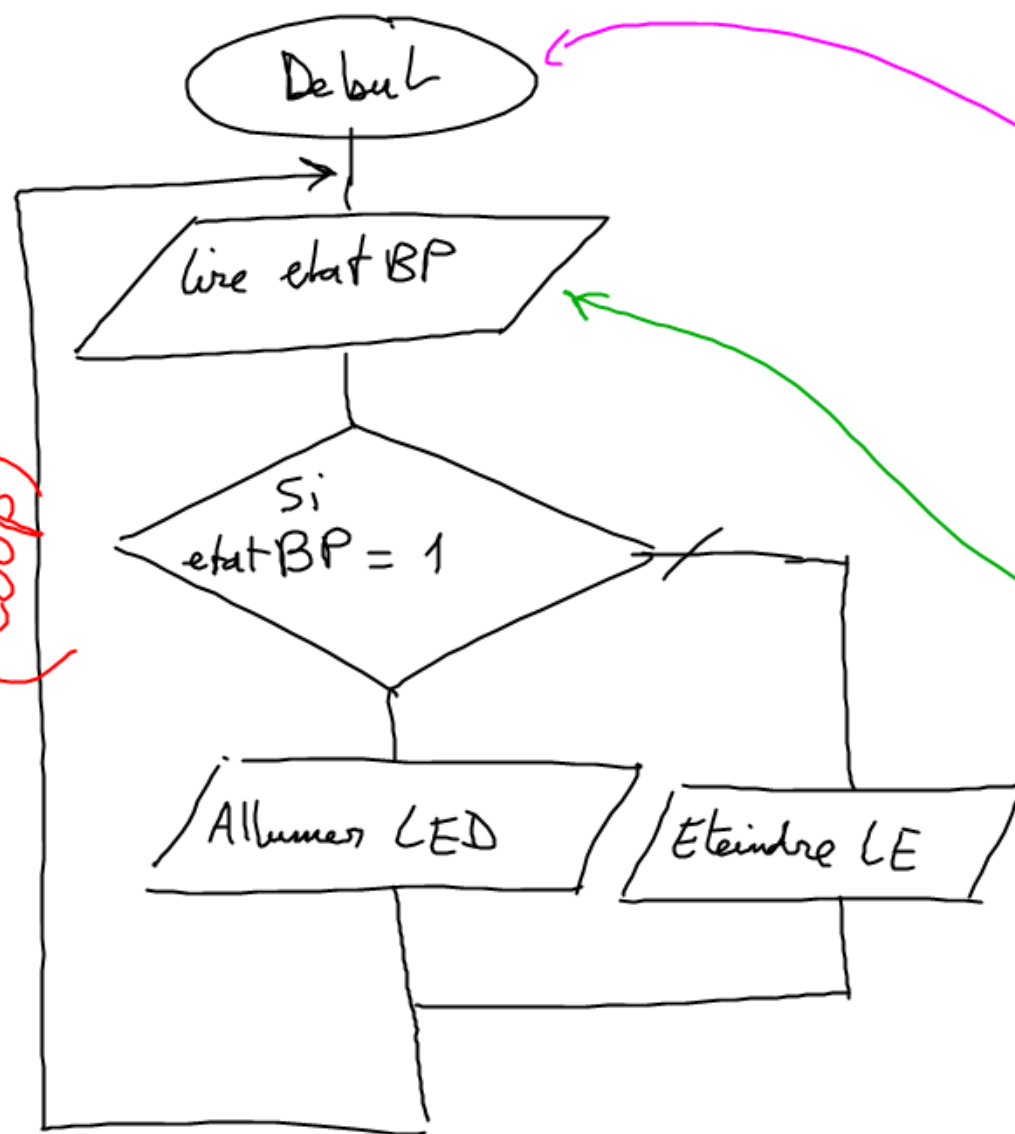
**FAIRE
JUSQU'A
FINFAIRE**Action A
Condition 1**TANT QUE ... FAIRE ...**

⚠️ bloquant

```
...  
while (Condition 1)  
{ Action A;  
}  
...
```

**TANTQUE
FAIRE
FINTANTQUE**Condition 1
Action Avaleur initiale
→ variable

(loop)



```
int pinBP = 2;  
int pinLED = 3;  
int etatBP = 0;
```

```
void setup() {  
  pinMode(pinBP, INPUT);  
  pinMode(pinLED, OUTPUT);  
}
```

```
void loop() {  
  etatBP = digitalRead(pinBP);  
  if (etatBP == 1) {  
    digitalWrite(pinLED, 1);  
  }  
  else {  
    digitalWrite(pinLED, 0);  
  }  
}
```

