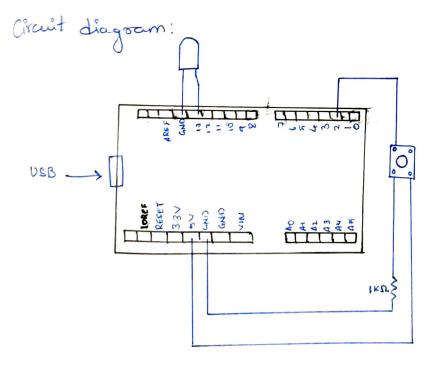
Program no: - 2

Program Title: Push button

Am: To demonstrate on/OFF of a LED using a push button [Dégital output]

Hardware Required:

- 1) Ardvino Uno board
- 2) LED
 - 3) push botton
 - 4) I KR resistor
 - 5) Connecting wires



Code:

```
int button = 0;

void setup()

pinMode(13, OUTPUT);

pinMode(2, INPUT);

void loop

button = digitalRead(2);

if (button == HIGH)

E digitalWate(13, HIGH);

glee

digitalWate(13, Low);

digitalWate(13, Low);

}
```

Observation/output:

When the botton is pushed the LED lights up and when the botton is selected the LED toms off.