

## TASK2

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Steps:

- 1- Plug the ESP32 to your PC or laptop by using micro cable.
- 2- Go to Tools > Board > Boards Manager > from the search bar write "esp32" > click on install.
- 3- Go to Tools > Board > select the name of your ESP32 board.
- 4- Go to Tools > Port and select a COM port available.
- 5- write the following code in arduino editor :

```
/*
```

```
Blink
```

Turns an LED on for one second, then off for one second, repeatedly.

Most Arduinos have an on-board LED you can control. On the UNO, MEGA and ZERO

it is attached to digital pin 13, on MKR1000 on pin 6. LED\_BUILTIN is set to

the correct LED pin independent of which board is used.

If you want to know what pin the on-board LED is connected to on your Arduino

model, check the Technical Specs of your board at:

<https://www.arduino.cc/en/Main/Products>

modified 8 May 2014

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modified 2 Sep 2016

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modified 8 Sep 2016

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This example code is in the public domain.

<https://www.arduino.cc/en/Tutorial/BuiltInExamples/Blink>

```
*/
```

```
// the setup function runs once when you press reset or power the board
```

```
void setup() {
```

```
  // initialize digital pin LED_BUILTIN as an output.
```

```
  pinMode(LED_BUILTIN, OUTPUT);
```

```
}
```

```
// the loop function runs over and over again forever
```

```
void loop() {
```

```
  digitalWrite(LED_BUILTIN, HIGH); // turn the LED on (HIGH is the  
voltage level)
```

```
  delay(1000);           // wait for a second
```

```
  digitalWrite(LED_BUILTIN, LOW); // turn the LED off by making the  
voltage LOW
```

```
  delay(1000);           // wait for a second
```

```
}
```

6- Press the upload button.