

# SD 卡讀寫模組

程式碼：

```
#include

File myFile;

void setup()
{
  Serial.begin(57600);
  pinMode(4, OUTPUT); // SD模組之CS ->> pin 4
  if (!SD.begin(4)) {
    Serial.println("initialization failed!");
    return;
  }
  Serial.println("initialization done.");

  //if (!SD.exists("test")) {
  //  Serial.println("example.txt not exists.");
  //  SD.mkdir("test");
  //}
  Serial.println("write test.txt");
  writeFile("test.txt", "Arduino Led On");
  readFile( "test.txt");
}

void loop()
{

}

void writeFile( char* filename, char* content) {

  myFile = SD.open(filename, FILE_WRITE);
  if (myFile) {
    myFile.println(content);
    myFile.close();
    Serial.println("done..");
  }

}

void readFile( char* filename) {
  // re-open the file for reading:
  myFile = SD.open(filename);
  if (myFile) {
    Serial.println(filename);

    // read from the file until there's nothing else in it:
    while (myFile.available()) {
```

```
    Serial.write(myFile.read());
  }
  // close the file:
  myFile.close();
} else {
  // if the file didn't open, print an error:
  Serial.println("error opening file");
}
}
```