

PSEUDOCODIGO

Inicializar SD modulo 0

```
myFiles = SD.open("/");
```

```
printDirectory(root, 0);
```

```
void printDirectory(File dir, int numTabs) {
```

```
    while(true) {
```

```
        File entry = dir.openNextFile();
```

```
        if (! entry) {
```

```
            // no more files
```

```
            break;
```

```
        }
```

```
        for (uint8_t i=0; i<numTabs; i++) {
```

```
            Serial.print('\t');
```

```
        }
```

```
        Serial.print(entry.name());
```

```
        if (entry.isDirectory()) {
```

```
            Serial.println("/");
```

```
            printDirectory(entry, numTabs+1);
```

```
        } else {
```

```
            // files have sizes, directories do not
```

```
            Serial.print("\t\t");
```

```
            Serial.println(entry.size(), DEC);
```

```
        }
```

```
        entry.close();
```

```
    }
```

```
}
```

Leer del serial el archivo que el usuario selecciono—guardarlo en variable

Si selecciona ver imagen 1:

```
myFile = SD.open("test.txt");  
if (myFile) {  
    Serial.println("test.txt:");  
  
    // 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 test.txt");  
}  
}
```

Si selecciona ver imagen 2:

```
myFile = SD.open("test2.txt");  
if (myFile) {  
    Serial.println("test2.txt:");  
  
    // 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 test2.txt");  
}
```

```
}  
}
```

Si selecciona ver imagen 3:

```
myFile = SD.open("test3.txt");  
if (myFile) {  
  Serial.println("test3.txt:");  
  
  // 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 test3.txt");  
}  
}
```