

# Zebra TC-21 QR Scanner Set-Up

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Documentation to set-up a Zebra TC21 to scan QR Barcodes in hexadecimal, store in a .csv or .xlsx file, send the files into an SMB network, and parse in decimal to determine item codes from that scanned QR code. Note: *Italicized Text* means it can be seen in the Zebra Device.

## 1 Zebra TC-21 Configurations

Requirements to scan QR code:

- Zebra TC21 [Model:TC210K], Android Version 10
- Scanning Application
- File Explorer Application
- Server Message Block (SMB) configuration skills

### *Data Wedge* Application

*Realis* is a built in application for Zebra devices, In order to have the scanning function to perform quickly and efficiently, the following changes needs to made:

- In the *Data Wedge* application, Profile:Profile0 (default) should be selected
- Scroll down to *Data Wedge* section, 'Inter character delay' is up to [10 ms]
- Scroll down and select 'Basic Data formatting' section. This is a ✓ checkmark.
- Server Message Block (SMB) configuration skills

## 2 'Orca Scan' Android Package (APK)

```
1 name = input('who are you? ')
2 hero_name= input('who is your favorite heroic servant in FGO? ')
3 print('hello ' + name + ' your favorite heroic servant is ' +
4       hero_name)
5
6 birth_year = input('birth year: ')
7 print(type(birth_year))
8 int(birth_year)
9 age = 2021 - int(birth_year)
10 print(type(age))
11 print(age)
```

Listing 1: Coding in R