Pi for Schools

Teaching Learning Center
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Abstract—**The objective of the manual is to introduce the RaspberryPi to beginners by programming the GPIO pins to build a decade counter .**

1 DISPLAY CONTROL THROUGH HARDWARE

1.1 Software Setup

The following commands will install the Wiring Pi module

```
git clone https://github.com/
    WiringPi/WiringPi.git
cd WiringPi && ./build
./build
cp blink.c ~
cd ~
```

Connect the Wiring Pi GPIO Pin 0 to an LED according to the pin diagram in

```
https://pinout.xyz/
```

```
gcc -Wall -o test blink.c -
    lwiringPi
sudo ./test
```

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