

// Basic Bluetooth sketch HC-06

// Connect the Hc-06 module and communicate using the serial monitor

// The HC-06 defaults to AT mode when first powered on.

// The default baud rate is 9600

// The Hc-06 requires all AT commands to be in uppercase. NL+CR should not be added to the command string

```
#include <SoftwareSerial.h>
```

```
SoftwareSerial BTserial(2, 3); // RX | TX
```

// Connect the HC-06 TX to the Arduino RX on pin 2.

// Connect the HC-06 RX to the Arduino TX on pin 3 through a voltage divider.

```
void setup()
```

```
{ Serial.begin(9600);
```

```
  Serial.println("Enter AT commands:"); // HC-06 default serial speed is 9600
```

```
  BTserial.begin(9600);
```

```
}
```

```
void loop(){ // Keep reading from HC-06 and send to Arduino Serial Monitor
```

```
  if (BTserial.available())
```

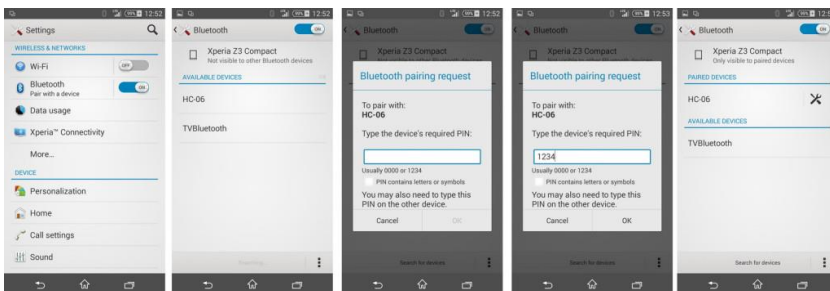
```
  { Serial.write(BTserial.read()); }
```

// Keep reading from Arduino Serial Monitor and send to HC-06

```
  if (Serial.available())
```

```
  { BTserial.write(Serial.read()); }
```

```
}
```



Install and open Bluetooth Terminal.
Open the menu, icon at the top of the screen.

Select "Connect a device – Insecure". This brings up a list of available devices.
Select the HC-06
Once connected, "connected: HC-06" is displayed at the top of the screen.

