**Type Your Title Here**

**Keywords:** Separate key words with commas here

The photo depicts (fill in the blank) which allows you to (fill in the blank). The big picture problem is (fill in the blank). Solving this partially or completely is important because (fill in the blank). This tutorial shows you how to (fill in the blank) and takes approximately (fill in the blank) hours to complete.

**Motivation and Audience**

This tutorial's motivation is to (fill in the blank). Readers of this tutorial assumes the reader has the following background and interests:

* ***Know how to (fill in the blank)***
* ***Also know how to (fill in the blank)***
* ***(Any additional background needed)***
* ***Desire to (fill in the blank)***
* ***In addition, would like to (fill in the blank)***
* ***(Any additional interests related to tutorial)***

The rest of the tutorial is presented as follows:

* [Parts List and Sources](http://www.pages.drexel.edu/%7Epyo22/students/onLineTutorialTemplate.html#Parts)
* [Construction](http://www.pages.drexel.edu/%7Epyo22/students/onLineTutorialTemplate.html#Construction)
* [Programming (if not applicable then delete)](http://www.pages.drexel.edu/%7Epyo22/students/onLineTutorialTemplate.html#Programming)
* [Final Words](http://www.pages.drexel.edu/%7Epyo22/students/onLineTutorialTemplate.html#Final%20Words)

**Parts List and Sources**

US-based vendors to obtain material to complete this tutorial include (list relevant hyperlinks or phone numbers and addresses).

To complete this tutorial, you'll need the following items (in table below, replace ??? with relevant information and add additional lines if necessary)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TABLE 1: Parts needed to build (fill in the blank) | | | | |
| PART DESCRIPTION | VENDOR | PART | PRICE (1999) | QTY |
| ??? | ??? | ??? | ??? | ??? |  |
| ??? | ??? | ??? | ??? | ??? |  |
| ??? | ??? | ??? | ??? | ??? |  |
|  |  |  |  |  |  |

**Construction**

This section gives step-by-step instructions along with photos to (fill in the blank). (If a circuit-building tutorial:) A schematic to construct (fill in the blank) is shown here (add graphic). (Add hyperlink to PDF of schematic) is the Acrobat file of the same schematic. You will need Adobe's free Acrobat reader to view it.

**Step 1**

(Add photos to make step easier to understand)

**Step 2**

(Add additional steps)

**Programming**

The source code to (fill in the blank) is provided below:

**To be compiled with (fill name of compiler)**  
Note: download [fileName.C](http://www.pages.drexel.edu/%7Epyo22/students/fileName.C) rather than cutting and pasting from below.

#include < stdio.h > /\* Replace quotes with <> if necessary \*/

#include < stdlib.h >

#include < dos.h >

#include < conio.h >

(add any code in this section)

**fileName.C Fuller Code Description**

The (name of code) operates as follows (fill in the blank)

**Final Words**

This tutorial's objective was to (fill in the blank). Complete (choose: construction details, source code and program descriptions) for (fill in the blank). Once the concepts were conveyed the reader could (fill in the blank).

Speculating future work, derived from this tutorial, includes (fill in the blank). In the big picture, the problem of (fill in the blank) can be solved with this tutorial.

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