**Purpose:** This function is a simple little function used to convert from various lat/long formats into decimal degrees or into degree minutes.

* We probably could convert this program to handle matrices, or at least 2 columns so we could do lat/long data in one call rather than 2 or more (I assume generally we want to convert lat and long).

**Version Control:** There are several copies of this function floating around, from what I have seen they are all exact copies.

Required packages: none

**Locally Derived Functions**

**None**

**Section 1**

This is the only section of this function basically 2 if statements which do the math necessary for their respective conversions, this is a slick/straightforward little function, see comments in code for gory details.

***Argument(s)***

* **x**: the vector of lat/long data to convert
* **format:** Choices here are ‘dec.deg’ to convert into decimal degrees (default) and ‘deg.min’ to convert into degree minutes.

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