

# Draw Turtles

0.1

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# Chapter 1

## Namespace Index

### 1.1 Packages

Here are the packages with brief descriptions (if available):

<a href="#">mindstorms</a>		
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<a href="#">turtle-mini-proj</a>	. . . . .	6



## Chapter 2

# File Index

### 2.1 File List

Here is a list of all files with brief descriptions:

2a/ <a href="#">mindstorms.py</a> . . . . .	7
2a/ <a href="#">turtle-mini-proj.py</a> . . . . .	7





## Chapter 3

# Namespace Documentation

### 3.1 mindstorms Namespace Reference

Programming Foundations with Python - 2A.

#### Functions

- def [draw\\_square](#)  
*Draw Square with Turtle.*
- def [draw\\_circle](#)  
*Draw Circle with Turtle.*
- def [draw\\_triangle](#)  
*Draw Triangle with Turtle.*

#### Variables

- tuple [window](#) = turtle.Screen()
- tuple [turtle\\_sig](#) = turtle.Turtle()
- list [x](#) = [364,366,366,367,367,367,367,366,365,364,359,357,352,347,344,340,336,333,329,325,320,312,307,304,301,299,
- list [y](#) = [103,106,111,115,120,125,131,137,148,152,156,167,170,177,182,185,188,190,192,194,196,197,198,198,196,193,189,
- int [shift\\_x](#) = -500
- int [shift\\_y](#) = 150

#### 3.1.1 Detailed Description

Programming Foundations with Python - 2A.

This .py package is for the turtle functions of the first project of 'Programming Foundations with Python'.

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#### Version

0.2

**Date**

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**3.1.2 Function Documentation****3.1.2.1 def mindstorms.draw\_circle ( *turtleID* )**

Draw Circle with Turtle.

Draw a circle anchored above the turtle

**Parameters**

<i>turtleID</i>	The name of the turtle that is drawing the circle
-----------------	---

**3.1.2.2 def mindstorms.draw\_square ( *turtleID* )**

Draw Square with Turtle.

Draw a square, anchored at the top-left corner (due south-west of the turtles origin.)

**Parameters**

<i>turtleID</i>	The name of the turtle that is drawing the square
-----------------	---

**3.1.2.3 def mindstorms.draw\_triangle ( *turtleID* )**

Draw Triangle with Turtle.

Draw a triangle anchored at its bottom-left vertex

**Parameters**

<i>turtleID</i>	The name of the turtle that is drawing the triangle
-----------------	---

**3.1.3 Variable Documentation****3.1.3.1 int mindstorms.shift\_x = -500****3.1.3.2 int mindstorms.shift\_y = 150****3.1.3.3 tuple mindstorms.turtle\_sig = turtle.Turtle()****3.1.3.4 tuple mindstorms.window = turtle.Screen()****3.1.3.5 list mindstorms.x = [364,366,366,367,367,367,367,367,366,365,364,359,357,352,347,344,340,336,333,329,325,320,312,307,304,301,299,298,296,29****3.1.3.6 list mindstorms.y = [103,106,111,115,120,125,131,137,148,152,156,167,170,177,182,185,188,190,192,194,196,197,198,198,196,193,189,185,181,17****3.2 turtle-mini-proj Namespace Reference**



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