

Turtle Graphics

<code>forward(<pixels>)</code>	Move the turtle forward by the specified number of pixels in the current orientation.	<code>forward(100)</code> Moves the turtle forward by 100 pixels
<code>backward(<pixels>)</code>	Move the turtle backward by the specified number of pixels in the current orientation	<code>backward(100)</code> Moves the turtle backward by 100 pixels
<code>left(<angle>)</code>	Turn the turtle left by the specified number of degrees	<code>left(90)</code> Turns the turtle left 90 degrees
<code>right(<angle>)</code>	Turn the turtle right by the specified number of degrees	<code>right(90)</code> Turns the turtle right 90 degrees
<code>penup()</code>	lift the pen up (moving the turtle doesn't draw on the canvas)	<code>up()</code> <code>goto(0, 0)</code> Return to origin without leaving a trace.
<code>pendown()</code>	put the pen down (moving the turtle draws on the canvas)	
<code>circle(<radius>)</code>	Draw a circle of the given radius	<code>circle(30)</code> Draw a circle of radius 30.
<code>hideturtle()</code>	Hide the turtle.	
<code>goto(<x>, <y>)</code>	Move the turtle to the specified location.	<code>goto(100, 100)</code> go to the point 100 pixels right and 100 pixels above the origin
<code>color(<str>)</code> <code>color(<red>, <green>, <blue>)</code>	Change the drawing color according to either a string (color name or hex color code starting with #) or red, green blue values between 0 and 1.	<code>color("red")</code> Makes the pen color red. <code>color(1, 0, 1)</code> Make the pen color purple.
<code>bgcolor(<str>)</code>	Change the canvas' background color according to the same rules as color.	<code>bgcolor("red")</code> Makes the background color red.
<code>fill(<boolean>)</code>	Change the fill status. Call <code>fill(True)</code> before drawing a closed shape to fill and <code>fill(False)</code> at the end.	<code>color("green")</code> <code>fill(True)</code> <code>for i in range(4):</code> <code>forward(100)</code> <code>right(90)</code> <code>fill(False)</code> Draw a green filled square.
<code>shape(<shape>)</code>	Change the turtle's appearance. By default, the following shapes are available: "arrow", "turtle", "circle", "square", "triangle", "classic"	<code>shape("turtle")</code> Changes the shape of the turtle to look like a turtle.
<code>register_shape(<file>)</code>	Add a GIF image as a possible turtle. Must be in the same directory.	<code>register_shape("cake.gif")</code> <code>shape("cake.gif")</code> Adds a cake image to the list of possible turtles and sets the turtle to look like a cake.
<code>stamp()</code>	Draw an impression of the turtle.	

<code>clear()</code>	Delete the turtle's drawings from the screen. Do not move turtle. State and position of the turtle as well as drawings of other turtles are not affected.	
<code>reset()</code>	Delete the turtle's drawings from the screen, re-center the turtle and set variables to the default values.	