

Dictionary (Directions are in the Turtle's Perspective)

* = Referenced and Exists in the Turtle library but not the ColabTurtle library

Command	Description
!pip install Colabturtle as honu	Installs the Python Turtle library into Google Colab as "honu"
honu.initializeTurtle()	Initializes the turtle and outputs the screen
honu.right(deg)	Turns the turtle "deg" number of degrees right
honu.rt(deg)	Turns the turtle "deg" number of degrees right
honu.forward(unit)	Moves the turtle "unit" number of pixels forwards
honu.fd(unit)	Moves the turtle "unit" number of pixels forwards
honu.left(deg)	Turns the turtle "deg" number of degrees left
honu.lt(deg)	Turns the turtle "deg" number of degrees left
honu.backward(unit)	Moves the turtle "unit" number of pixels backwards
honu.bk(unit)	Moves the turtle "unit" number of pixels backwards
honu.home()	Moves the turtle to the beginning position and angle
honu.goto(pix1, pix2)	Moves the turtle to the coordinates in the coordinate system described in Fig.1
honu.circle(rad)*	Makes a circle with a radius of "rad" pixels
honu.dot(rad)*	Makes a dot (filled circle) with a radius of "rad" pixels
honu.bgcolor(color)	Makes the background "color" either from a given rgb code or a standard color string
honu.title(string)*	Titles the turtle screen with the given "string"
honu.shape(turtle)	Makes the turtle either a "turtle" or a "circle" with a pointer
honu.pensize(wd)	Makes the width of the pen to a given pixel size "wd"
honu.shapesize(pix1, pix2, pix3)*	Makes the turtle a given stretch length "pix1" and width "pix2" as well as a given outline width "pix3"
honu.fillcolor(color)*	Makes the turtle "color", a rgb code or a standard color string
honu.pencolor(color)	Makes the turtle's outline "color", a given rgb code or a standard color

	string
honu.color(out, in)	Makes the turtle's outline "out" and fill "in" a given rgb code or a standard color string
honu.begin_fill()*	Starts the fill of a shape yet to be drawn
honu.end_fill()*	Completes the fill of a shape that was just drawn
honu.speed(v)	Speeds up the turtle on a scale of 0 <= "v" <= 10
honu.pen(pencolor, fillcolor, pensize, speed)*	Set the pencolor, fill color, pen size and speed of a turtle's pen
honu.penup()	The turtle stops drawing at that point
honu.pendown()	The turtle begins drawing again at that point
honu.undo()*	Undoes the last command that was executed
honu.clear()	Clears the screen of any marks made
honu.reset()*	Sets up the initial screen as it was on initialization
honu.stamp()*	Leaves a print of the turtle
honu.clearstamp(no)*	Removes a particular print, "no" from the order they were printed
hatchling = honu.clone()*	Creates another turtle

Reference

- 0 angle is east
- Angles increase clockwise
- Only 1 turtle can exist in an initialization

(0,0	0)		Increases along arrow
		Increases along arrow	