<http://interactivepython.org/courselib/static/pythonds/index.html>

24.5.2.1. Turtle methods[¶](http://docs.python.org/library/turtle.html?highlight=turtle#turtle-methods)

Turtle motion

Move and draw

[**forward()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.forward) | [**fd()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.fd)

[**backward()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.backward) | [**bk()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.bk) | [**back()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.back)

[**right()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.right) | [**rt()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.rt)

[**left()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.left) | [**lt()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.lt)

[**goto()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.goto) | [**setpos()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.setpos) | [**setposition()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.setposition)

[**setx()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.setx)

[**sety()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.sety)

[**setheading()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.setheading) | [**seth()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.seth)

[**home()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.home)

[**circle()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.circle)

[**dot()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.dot)

[**stamp()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.stamp)

[**clearstamp()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.clearstamp)

[**clearstamps()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.clearstamps)

[**undo()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.undo)

[**speed()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.speed)

Tell Turtle’s state

[**position()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.position) | [**pos()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.pos)

[**towards()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.towards)

[**xcor()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.xcor)

[**ycor()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.ycor)

[**heading()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.heading)

[**distance()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.distance)

Setting and measurement

[**degrees()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.degrees)

[**radians()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.radians)

Pen control

Drawing state

[**pendown()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.pendown) | [**pd()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.pd) | [**down()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.down)

[**penup()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.penup) | [**pu()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.pu) | [**up()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.up)

[**pensize()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.pensize) | [**width()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.width)

[**pen()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.pen)

[**isdown()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.isdown)

Color control

[**color()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.color)

[**pencolor()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.pencolor)

[**fillcolor()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.fillcolor)

Filling

[**fill()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.fill)

[**begin\_fill()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.begin_fill)

[**end\_fill()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.end_fill)

More drawing control

[**reset()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.reset)

[**clear()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.clear)

[**write()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.write)

Turtle state

Visibility

[**showturtle()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.showturtle) | [**st()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.st)

[**hideturtle()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.hideturtle) | [**ht()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.ht)

[**isvisible()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.isvisible)

Appearance

[**shape()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.shape)

[**resizemode()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.resizemode)

[**shapesize()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.shapesize) | [**turtlesize()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.turtlesize)

[**settiltangle()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.settiltangle)

[**tiltangle()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.tiltangle)

[**tilt()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.tilt)

Using events

[**onclick()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.onclick)

[**onrelease()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.onrelease)

[**ondrag()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.ondrag)

[**mainloop()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.mainloop) | [**done()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.done)

Special Turtle methods

[**begin\_poly()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.begin_poly)

[**end\_poly()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.end_poly)

[**get\_poly()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.get_poly)

[**clone()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.clone)

[**getturtle()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.getturtle) | [**getpen()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.getpen)

[**getscreen()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.getscreen)

[**setundobuffer()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.setundobuffer)

[**undobufferentries()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.undobufferentries)

[**tracer()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.tracer)

[**window\_width()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.window_width)

[**window\_height()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.window_height)

24.5.2.2. Methods of TurtleScreen/Screen[¶](http://docs.python.org/library/turtle.html?highlight=turtle#methods-of-turtlescreen-screen)

Window control

[**bgcolor()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.bgcolor)

[**bgpic()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.bgpic)

[**clear()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.clear) | [**clearscreen()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.clearscreen)

[**reset()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.reset) | [**resetscreen()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.resetscreen)

[**screensize()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.screensize)

[**setworldcoordinates()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.setworldcoordinates)

Animation control

[**delay()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.delay)

[**tracer()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.tracer)

[**update()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.update)

Using screen events

[**listen()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.listen)

[**onkey()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.onkey)

[**onclick()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.onclick) | [**onscreenclick()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.onscreenclick)

[**ontimer()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.ontimer)

Settings and special methods

[**mode()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.mode)

[**colormode()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.colormode)

[**getcanvas()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.getcanvas)

[**getshapes()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.getshapes)

[**register\_shape()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.register_shape) | [**addshape()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.addshape)

[**turtles()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.turtles)

[**window\_height()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.window_height)

[**window\_width()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.window_width)

Methods specific to Screen

[**bye()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.bye)

[**exitonclick()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.exitonclick)

[**setup()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.setup)

[**title()**](http://docs.python.org/library/turtle.html?highlight=turtle#turtle.title)