Команды

turtle.**begin\_fill**()[¶](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.begin_fill" \o "Ссылка на это определение)

Вызывается непосредственно перед рисованием формы для заливки.

turtle.**end\_fill**()[¶](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.end_fill" \o "Ссылка на это определение)

color('red', 'green')

Двигаться и рисовать

[forward()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.forward" \o "turtle.forward) | [fd()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.fd" \o "turtle.fd)

[backward()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.backward" \o "turtle.backward) | [bk()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.bk" \o "turtle.bk) | [back()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.back" \o "turtle.back)

[right()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.right" \o "turtle.right) | [rt()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.rt" \o "turtle.rt)

[left()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.left" \o "turtle.left) | [lt()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.lt" \o "turtle.lt)

[goto()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.goto" \o "turtle.goto) | [setpos()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.setpos" \o "turtle.setpos) | [setposition()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.setposition" \o "turtle.setposition)

[setx()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.setx" \o "turtle.setx)

[sety()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.sety" \o "turtle.sety)

[setheading()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.setheading" \o "turtle.setheading) | [seth()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.seth" \o "turtle.seth)

[home()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.home" \o "turtle.home)

[circle()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.circle" \o "turtle.circle)

[dot()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.dot" \o "turtle.dot)

[stamp()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.stamp" \o "turtle.stamp)

[clearstamp()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.clearstamp" \o "turtle.clearstamp)

[clearstamps()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.clearstamps" \o "turtle.clearstamps)

[undo()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.undo" \o "turtle.undo)

[speed()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.speed" \o "turtle.speed)

Рассказать о состоянии Черепахи

[position()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.position" \o "turtle.position) | [pos()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.pos" \o "turtle.pos)

[towards()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.towards" \o "turtle.towards)

[xcor()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.xcor" \o "turtle.xcor)

[ycor()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.ycor" \o "turtle.ycor)

[heading()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.heading" \o "turtle.heading)

[distance()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.distance" \o "turtle.distance)

Настройка и измерение

[degrees()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.degrees" \o "turtle.degrees)

[radians()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.radians" \o "turtle.radians)

Управление Pen

Состояние рисования

[pendown()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.pendown" \o "turtle.pendown) | [pd()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.pd" \o "turtle.pd) | [down()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.down" \o "turtle.down)

[penup()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.penup" \o "turtle.penup) | [pu()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.pu" \o "turtle.pu) | [up()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.up" \o "turtle.up)

[pensize()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.pensize" \o "turtle.pensize) | [width()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.width" \o "turtle.width)

[pen()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.pen" \o "turtle.pen)

[isdown()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.isdown" \o "turtle.isdown)

Управление цветом

[color()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.color" \o "turtle.color)

[pencolor()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.pencolor" \o "turtle.pencolor)

[fillcolor()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.fillcolor" \o "turtle.fillcolor)

Заполнение

[filling()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.filling" \o "turtle.filling)

[begin\_fill()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.begin_fill" \o "turtle.begin_fill)

[end\_fill()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.end_fill" \o "turtle.end_fill)

Больше контроля рисования

[reset()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.reset" \o "turtle.reset)

[clear()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.clear" \o "turtle.clear)

[write()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.write" \o "turtle.write)

Состояние черепахи

Видимость

[showturtle()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.showturtle" \o "turtle.showturtle) | [st()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.st" \o "turtle.st)

[hideturtle()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.hideturtle" \o "turtle.hideturtle) | [ht()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.ht" \o "turtle.ht)

[isvisible()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.isvisible" \o "turtle.isvisible)

Внешний вид

[shape()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.shape" \o "turtle.shape)

[resizemode()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.resizemode" \o "turtle.resizemode)

[shapesize()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.shapesize" \o "turtle.shapesize) | [turtlesize()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.turtlesize" \o "turtle.turtlesize)

[shearfactor()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.shearfactor" \o "turtle.shearfactor)

[settiltangle()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.settiltangle" \o "turtle.settiltangle)

[tiltangle()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.tiltangle" \o "turtle.tiltangle)

[tilt()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.tilt" \o "turtle.tilt)

[shapetransform()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.shapetransform" \o "turtle.shapetransform)

[get\_shapepoly()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.get_shapepoly" \o "turtle.get_shapepoly)

Использование событий

[onclick()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.onclick" \o "turtle.onclick)

[onrelease()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.onrelease" \o "turtle.onrelease)

[ondrag()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.ondrag" \o "turtle.ondrag)

Специальные методы Turtle

[begin\_poly()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.begin_poly" \o "turtle.begin_poly)

[end\_poly()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.end_poly" \o "turtle.end_poly)

[get\_poly()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.get_poly" \o "turtle.get_poly)

[clone()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.clone" \o "turtle.clone)

[getturtle()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.getturtle" \o "turtle.getturtle) | [getpen()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.getpen" \o "turtle.getpen)

[getscreen()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.getscreen" \o "turtle.getscreen)

[setundobuffer()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.setundobuffer" \o "turtle.setundobuffer)

[undobufferentries()](https://digitology.tech/docs/python_3/library/turtle.html" \l "turtle.undobufferentries" \o "turtle.undobufferentries)