CATROBAT

CARDS

This is the correct sequence of the cards for this tutorial:

Script

Hints

103,9 x 116,6 mm

In this tutorial, you will learn how to embroider a spiral.

You should already know what a loop is and how it works.
The **'Circle'**-tutorial may be helpful for this tutorial.
Take a look at the embroidery tutorials in the Beginner series if you haven't embroidered anything yet.

For more information or design suggestions check out the other tutorials.

1 Create a new Embroidery-Object (see **'Create Embroidery-Objects'**) and insert the following script:

When scene starts

Try different values!

Hint 1

Set variable
degree
to 15

Start zigzag stitch with length 2 and width 10

Repeat 400 times

Move 10 steps

Hint 2

Turn left 360 : "degree" degrees

Try different values!

Change variable
degree
by 0,5

End of loop
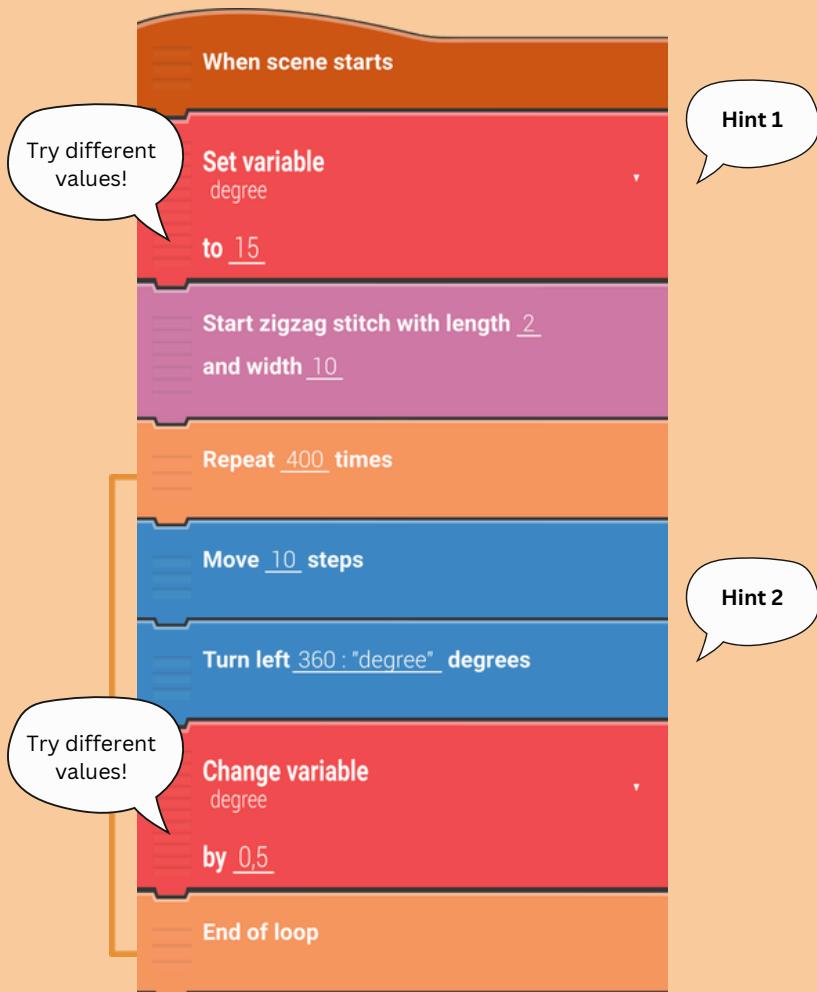
2 Tap play to start your design!

CATROBAT

1 Tap "new" to create a new variable.

Set variable

new...

to
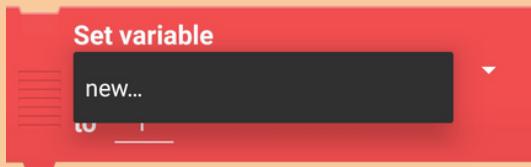
2 You'll find the variable "degree" in data.

Compute	(	)	⌫ ✕	
Properties	7	8	9	÷
Functions	4	5	6	×
Logic	1	2	3	-
Sensors	.	0	=	+
Data		Abc	OK	

Variables:
A variable can store numbers or texts for you. You can think of a variable as a small memory where you can store numbers or texts and call them up again later. Of course, you can change the number or text at any time.
Variables are particularly useful if you want to save or manage data, such as points or the high score.