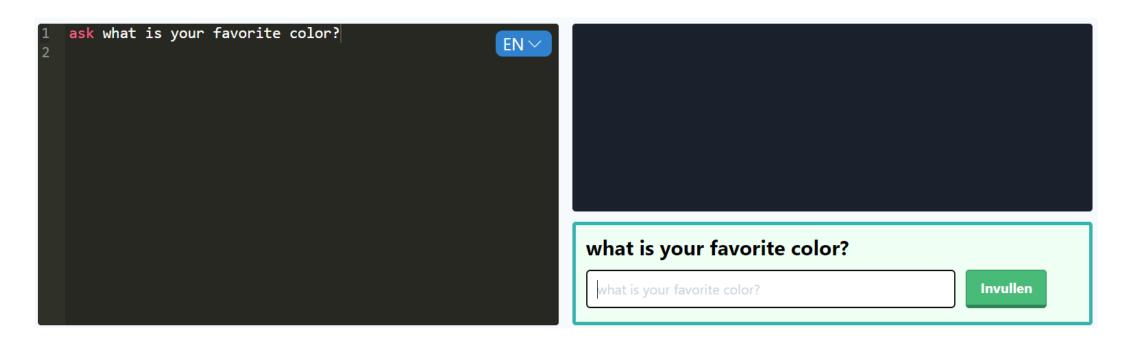# Cheatsheet

Level 1

```
print Hello World!
```

With print you can make text appear.

```
ask What is your favorite colour?
```

With ask you can ask a question.


```
ask What is your favorite color?
echo So your favorite color is..
```

With echo you can repeat the given answer.

Cheatsheet

Level 2

```
print Hello world!
```

With print you can make text appear.

```
name is Hedy
print Hello name
```

With is you can make a **variable**. You can print variables with print.

```
name is ask What is their name?
print name was walking through town.
```

You also make a variable with is ask. You can print variables with print.

```
sleep 2
```

With sleep you can pause the program for a couple of seconds. The number decides for how long the program is paused.

A **variabele** is a word in which you can save something. For example the name of a chacater in your story, or your order at the restaurant.

Cheatsheet

Level 3

```
animals is dog, cat, rat
print You get an animals at random
```

With is you can make a list. You can use at random to let Hedy to pick one of the items on the list at random.

```
pies is apple, cherry, strawberry
add pear to pies
```

With add you can add an item to your list.

```
pies is apple, cherry, strawberry
remove apple from pies
```

With remove you can remove an item from a list.

```
meals is pizza, pasta, fries
yuck is ask What food don't you like?
remove yuck from meals
```

You can combine the add and remove comamnds with a ask comand as well.

Other commands: *print, ask, is, sleep, add, remove*

Cheatsheet

Level 4

```
print 'Hello world!'
```

With print you can make text appear. Mind that you can no longer use contactions with apostophes in the print command like you're or don't.

```
name is ask 'What is your name?'
```

The ask command looks like this now.

```
name is ask 'What is your name?'
print 'You are called' name
```

If you are using a variable, it should be outside the quotation marks.

Other commands: *is, sleep, add, remove*

Cheatsheet

Level 5

```
name is ask 'What is your name?'
if name is Hedy print 'Cool!'
else print 'Less cool!'
```

With if you can make a choice between two options. In this example Cool! is printed if you answer taht your name is Hedy. If you give a different answer 'Less cool!' is printed.

```
name is ask 'What is your name?'
if name is Hedy print 'Fun!'
```

You can use if without else.

```
name is ask 'What is your name?'
if name is Hedy print 'Cool!'
if name is Felienne print 'You rock!'
```

Or you can use multiple if commands.

Other commands: *print, ask is, sleep, add, remove*

Cheatsheet

Level 6

```
print '5 plus 5 is ' 5 + 5
print '5 minus 5 is ' 5 - 5
print '5 times 5 is ' 5 * 5
```

You can use addition, subtraction and multiplication.

```
name = Hedy
number = 20
answer = ask 'What is the answer?'
```

You can replace the word is with the = sign.

```
answer = ask 'What is 10 + 10?'
if answer is 20 print 'Correct!'
else print 'Mistake'
```

You can check if the answer to a question is right with if.

Other commands: *print, ask is, sleep, add, remove, if, else*

Cheatsheet

Level 7

```
repeat 3 times print 'Hedy is fun!!'
```

You can let Hedy repeat a line with the repeat command.

```
people = ask 'How many people are joining us?'
repeat people times ask 'What would you like to eat?'
```

You can use a variable in the repeat command.

Other commands: *print, ask is, sleep, add, remove, if else*

Cheatsheet

Level 8

```
repeat 5 times
    print 'Hello everybody'
    print 'THis will be repeated 5 times'
```

You can repeat multiple lines with the repeat command. Mind the indentation.

```
if name is Hedy
    print 'Hi Hedy!'
    print 'Welcome back!'
```

You can print multiple lines after an if command. Mind the indentation.

```
if name is Hedy
    print 'Hi Hedy!'
    print 'Welcome back!'
else
    print 'You are not Hedy!'
    print 'INTRUDER! INTRUDER!'
```

You can use multiple lines after else as well.

Other commands: *print, ask is, sleep, add, remove*

Cheatsheet

Level 9

```
repeat 3 times
    food = ask 'What whould you like to eat?'
    if food is 'pizza'
        print 'Love it!'
    else
        print 'pizza is better'
```

Now you can put if commands inside repeat commands or the other way around.

```
if name is Hedy
    password is ask 'Password:'
    if password is TOPSECRET
        print 'Welcome Hedy'
    else
        print 'INTRUDER!'
```

You can also put an if command inside another if command. Mind the double indentation!

Other commands: *print, ask is, sleep, add, remove*

Cheatsheet

Level 10

```
animals is a turkey, a kangaroo, an ant
for animal in animals
   print animal ' is a great animal!'
```

With for you can make a code that will be ran for all the items on your list. For example the output of this code will be:

```
a turkey is a great animal!
a kangaroo is a great animal!
an ant is a great animal!
```

Other commands: *print, ask is, sleep, add, remove, if else, repeat,*