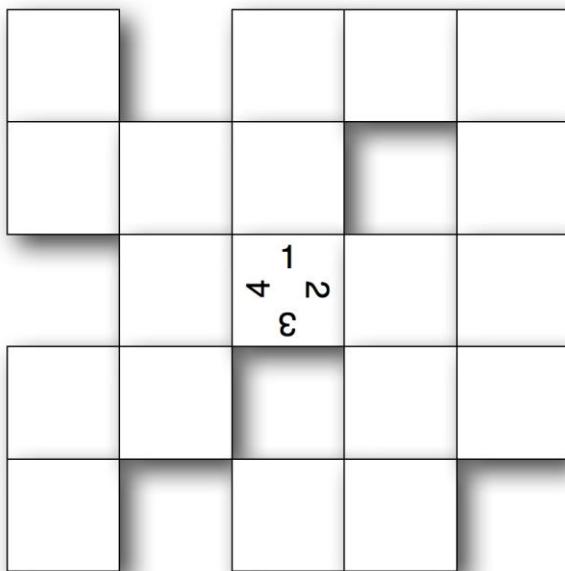


Oppgaver til finalen - Kodeknekkeren 2017
alle svarene er tall, skriv svarene på siste ark

Oppgave 1



D	R	F	E	S
E	E	L	E	M
G	T	●	K	T
S	P	N	E	T
N	U	I	Å	T

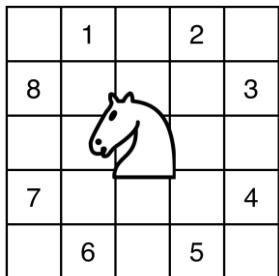
Oppgave 2

F	E	R	I	F	S	K	E	S	T
E	F	V	L	O	T	T	O	F	R
M	Ø	F	R	T	E	N	A	E	E
N	E	J	I	S	T	U	T	M	E
E	V	O	E	N	T	L	T	T	I
T	E	R	K	S	Å	L	E	E	N
T	L	T	T	J	U	E	N	N	T
Y	L	E	N	I	T	T	E	N	I
S	E	N	N	E	T	S	K	E	S
N	E	T	T	E	R	T	S	J	U

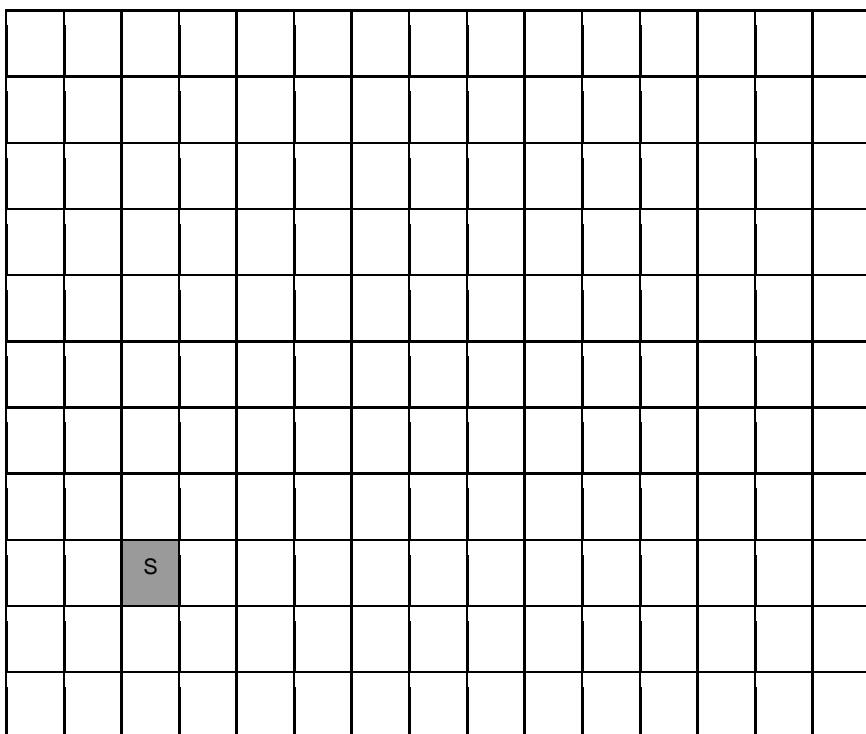
Oppgave 3

```
i = 0                                // notater:  
count = 0                             // initialize variables  
loop {  
    i = i + 1                          // start loop  
    if (i=10) then {  
        print("Svaret er ", count)      // add 1 to variable i  
        end program                    // check for end condition  
    }  
    if (i^3 > 300) then {  
        count = count + 1             // print result  
    }  
}                                         // stop program  
                                         // i^3 = i*i*i (3.potens)  
                                         // add 1 to variable count  
                                         // repeat loop
```

Oppgave 4



S4312186565328823568
1344245657821235656
8134671232875684768



Oppgave 5

0	1	2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
126									
199									
7									
14									
56									
112									
224									
227									
255									

Oppgave 6

$$x^2 + y^2 = 9$$

$$y = 0x + 7, \quad 3 < x < 9$$

$$y = \sqrt{10x + 30}, \quad -3 < x < 2$$

$$y = 2x - 11, \quad 4 < x < 9$$

SVARENE:

1:

2:

3:

4:

5:

6: