

Loop

# **Rule 1:**

No Googling for answer!

# Level 1: Beginner

1 Height: 5

2

3

\*\*

4

\*\*\*

5

\*\*\*\*

6

\*\*\*\*\*

7

\*\*\*\*\*

**Reward:**

Proceed to next level! :P

# Level 2: Intermediate



**Reward:**

1 Kitkat

# Level 3: Expert

```
1 Height (Odd): 5
2
3   *
4  ***
5 *****
6  ***
7   *
```

```
9 Height (Odd): 7
10
11  *
12 ***
13 *****
14 *****
15 *****
16 ***
17  *
```

**Reward:**

2 Kitkat

1 Sweet <3

# Quiz (Extra)

```
1.    #include <stdio.h>
2.    int main()
3.    {
4.        short i;
5.        for (i = 1; i >= 0; i++)
6.            printf("%d\n", i);
7.
8.    }
```

a) The control won't fall into the for loop

b) Numbers will be displayed until the signed limit of short and throw a runtime error

c) Numbers will be displayed until the signed limit of short and program will successfully terminate

d) This program will get into an infinite loop and keep printing numbers with no errors

```
1.    #include <stdio.h>
2.    void main()
3.    {
4.        int k = 0;
5.        for (k)
6.            printf("Hello");
7.    }
```

- a) Compile time error
- b) hello
- c) Nothing
- d) Varies



```
1.    #include <stdio.h>
2.    void main()
3.    {
4.        int k = 0;
5.        for (k < 3; k++)
6.            printf("Hello");
7.    }
```

- a) Compile time error
- b) Hello is printed thrice
- c) Nothing
- d) Varies

```
1.    #include <stdio.h>
2.    void main()
3.    {
4.        double k = 0;
5.        for (k = 0.0; k < 3.0; k++)
6.            printf("Hello");
7.    }
```

- a) Run time error
- b) Hello is printed thrice
- c) Hello is printed twice
- d) Hello is printed infinitely