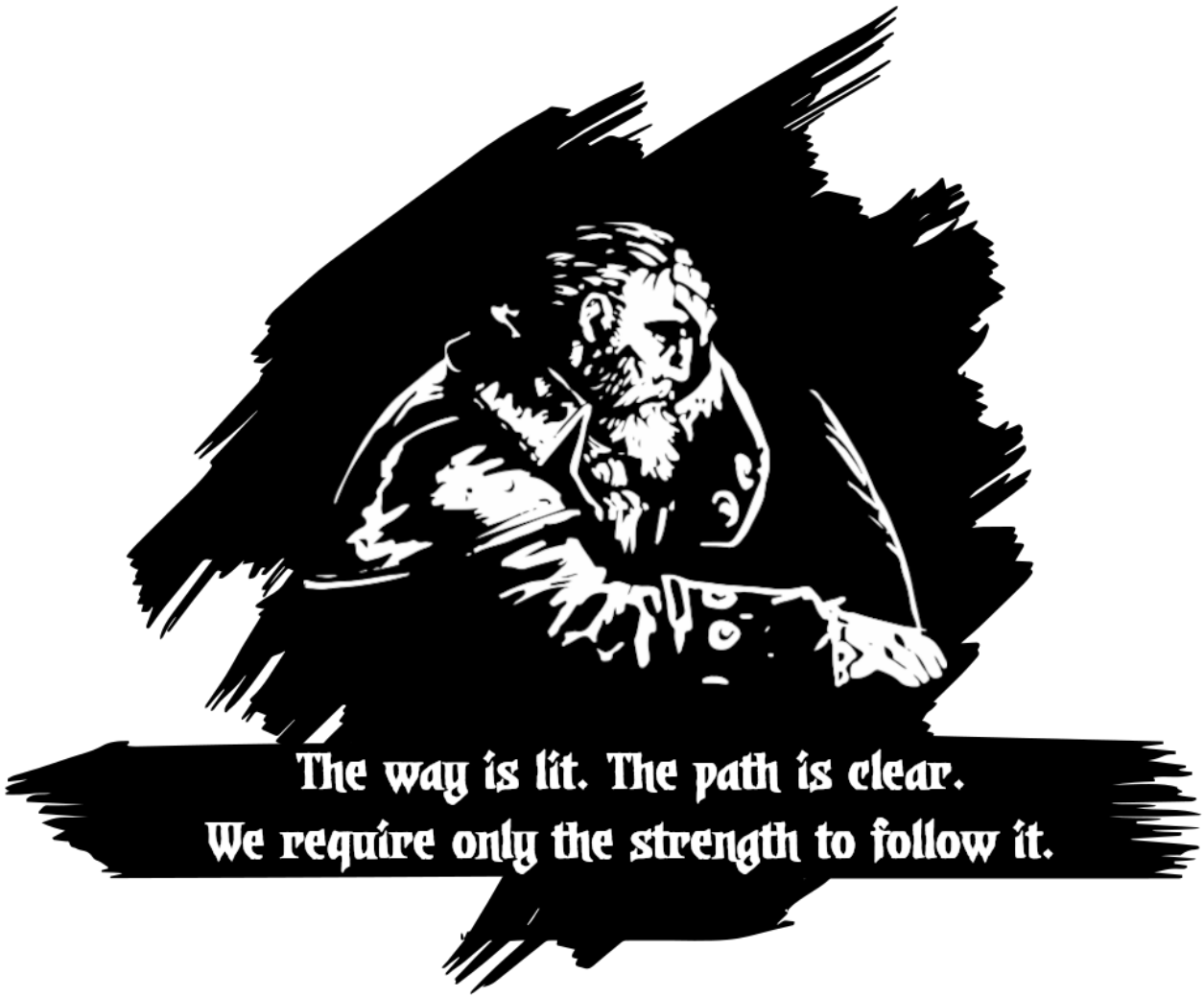
# Exercises — Integer Palindrome

version **#7be580532266ed398481e31366afcc24b1950c2a**

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## Contents



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**File Tree**

```
int_palindrome/
└── int_palindrome.c  (to submit)
```

**Authorized headers** : You are only allowed to use the functions defined in the following headers

- err.h
- errno.h
- assert.h
- stddef.h

**Compilation** : Your code must compile with the following flags

- -std=c99 -pedantic -Werror -Wall -Wextra -Wvla

**Main function** : None

# 1 Goal

Write the function `int_palindrome` that takes an integer and checks if this integer is a palindrome. You have to return `1` if the integer is a palindrome, `0` otherwise. A palindrome integer is an integer that can be read the same way backwards and forwards.

For example, 242 is a palindrome but 42 is not. Consider that negative numbers cannot be palindromes since they start with the minus sign.

```c
int int_palindrome(int n);
```

*The way is lit. The path is clear. We require only the strength to follow it.*