



EXERCISES — Integer Palindrome

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

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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.

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

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