Exercises — Integer Palindrome

version #

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Contents

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1 Integer Palindrome

Files to submit:

- int_palindrome/int_palindrome.c
- int_palindrome/int_palindrome.h

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

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

1.1 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);
```

It is my job to make sure you do yours.