Write Php Code To Solve These Problems

1-

Determine whether an integer is a palindrome. An integer is a palindrome when it reads the same backward as forward.

Example 1:

```
Input: 121
Output: true
```

Example 2:

```
Input: -121
Output: false
Explanation: From left to right, it reads -121. From right to left, it becomes 121-. Therefore it is not a palindrome.
```

Example 3:

```
Input: 10
Output: false
Explanation: Reads 01 from right to left. Therefore it is not a palindrome.
```

2-

Given a 32-bit signed integer, reverse digits of an integer.

Example 1:

```
Input: 123
Output: 321
```

Example 2:

```
Input: -123
Output: -321
```

Example 3:

```
Input: 120
Output: 21
```

3-

Write a function that takes two integers (`hours`, `minutes`), converts them to seconds, and adds them.

Examples

```
convert(1, 3) → 3780

convert(2, 0) → 7200

convert(0, 0) → 0
```

Notes

- Don't forget to `return` the result.
- If you get stuck on a challenge, find help in the **Resources** tab.
- If you're *really* stuck, unlock solutions in the **Solutions** tab.

4-

Determine if a triangle is equilateral, isosceles, or scalene.

An *equilateral* triangle has all three sides the same length.

An *isosceles* triangle has at least two sides the same length. (It is sometimes specified as having exactly two sides the same length, but for the purposes of this exercise we'll say at least two.)

A *scalene* triangle has all sides of different lengths.

Note

For a shape to be a triangle at all, all sides have to be of length > 0, and the sum of the lengths of any two sides must be greater than or equal to the length of the third side. See Triangle Inequality.

Dig Deeper

The case where the sum of the lengths of two sides *equals* that of the third is known as a *degenerate* triangle - it has zero area and looks like a single line. Feel free to add your own code/tests to check for degenerate triangles.

5-

Write a function that returns the length of a string. **Make your function recursive.**

Examples

```
length("apple") → 5

length("make") → 4

length("a") → 1

length("") → 0
```

6-

1. Add gender column for the student table. It holds two value (male or female).
2. Add birth date column for the student table.
3. Delete the name column and replace it with first name and last name.
4. Insert your classmates' data into the table (*by 2 different methods!*).
5. Update your information by changing your contact info.
6. Display all students' information.
7. Display male students only.
8. Display the number of female students.
9. Display the students who are born before 1992-10-01.
10. Display male students who are born before 1991-10-01.
11. Display subjects and their grades sorted by grades.

BestWishes,

GoodLuck 😊