Thema der Aufgabe:
Playing the Guess Game

Aufgabenbeschreibung:

Using the C++ language, have the function `int getMoneyAmount(int)` takes the integer parameter being passed and return the money amount.

We are playing the Guess Game. The game is as follows:
I pick a number from **1 to n**. You have to guess which number I picked. Every time you guess wrong, I'll tell you whether the number I picked is **higher** or **lower**. However, when you guess a particular number **x**, and you guess wrong, you pay **€x**. You win the game when you guess the number I picked.

Example:

n = 10, I pick **8**

First round: You guess 5, I tell you that it's higher. You pay €5.
Second round: You guess 7, I tell you that it's higher. You pay €7.
Third round: You guess 9, I tell you that it's lower. You pay €9.

Game over. 8 is the number I picked.

You end up paying €5 + €7 + €9 = €21.

Eingabe:
- 8

Ausgabe:
- 21

Beispiel:
- Siehe Eingabe/Ausgabe!

	Erstellt	Geprüft und freigegeben	Datei:
am:	01.05.2020		0009 guess Game.odt
von:	Kai Dorau		Stand: 01.04.2020