Exercises: Cinema tickets

Write a program that displays the price of a cinema ticket according to the age of the client and the day of the week.

It should display the price of the ticket, the amount (in $) of discount applied, the age of the client, and the day of the week (in letters).

The base price of a ticket is $9.

The day of the week is to be encoded as an integer: 1 for Monday, …, 7 for Sunday.

Table of discounts

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| --- | --- | --- | --- | --- | --- |
| **Day of the week**  **Age of client** | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday Saturday Sunday** |
| **Younger than 16 years, *or*  65 years and older** | 10% | 30% | 30% | 30% | 10% |
| **16 years and older, *and***  **Younger than 65 years** | 20% |  |  | 20% |  |