# "Programming Basics" Exam

## 3. Film Premiere

For an upcoming premiere of three big-name productions, a local movie theater hires you to write software that calculates the price customers should pay based on the movie and package they've selected.

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| --- | --- | --- | --- |
|  | **John Wick** | **Star Wars** | **Jumanji** |
| **Drink** | 12 USD./pc. | 18 USD./pc. | 9 USD./pc. |
| **Popcorn** | 15 USD./pc. | 25 USD./pc. | 11 USD./pc. |
| **Menu** | 19 USD./pc. | 30 USD./pc. | 14 USD./pc. |

Write a program that **calculates** the price that customer should pay given **the following discounts**:

* 30% family discount for the **Star Wars** movie if **at least 4 tickets** are purchased.
* 15% discount for the **Jumanji** movie if **exactly 2 tickets** are purchased.

### Input

Read **3 lines** from the console:

* **Movie name - possible string:** "**John Wick**"**,** "**Star Wars**" **or** "**Jumanji**"
* **Movie package - possible string**: "**Drink**", "**Popcorn**" **or** "**Menu**"
* **Number of tickets - an integer in the range [1… 30]**

### Output

Print **1 line** to the console:

"**Your bill is {final price} USD.**"

The price must be **formatted to the second digital after the decimal point.**

### Sample Input and Output

|  |  |  |
| --- | --- | --- |
| **Input** | **Output** | **Comments** |
| John Wick  Drink  6 | Your bill is 72.00 USD. | The movie is **John Wick** and a **drink** has been selected. Price for one ticket is 12 USD.  **6 tickets** 12 USD each -> **72 USD**. No discounts. |
| Star Wars  Popcorn  4 | Your bill is 70.00 USD. | The movie is **Star Wars** and **popcorn** has been selected. Price for one ticket is 25 USD.  **4 tickets** 25 USD each -> **100 USD**. There is a **30% discount** for this movie when there are **4 or more people** . 30% of 100 -> **30 USD** 100 – 30 -> **70 USD final price** |
| Jumanji  Menu  2 | Your bill is 23.80 USD. | The movie is Jumanji and a menu (drink + popcorn) has been selected.  Price for one ticket is 14 USD. **2 tickets** 14 USD each -> **28 USD**. There is a **15% discount** for this movie when there are **exactly 2 people**. 15% of 28 -> **4.20 USD** 28 – 4.20 USD. -> **23.80 USD final price** |