Mobile Operator Prices

Mobile operator offers contracts with different monthly fees depending on the term - 1 or 2 years. Write a program that calculates the sum that the customer has to pay for a certain period of time.

term / type	Small	Middle	Large	ExtraLarge
1 year	9.98 BGN	18.99 BGN	25.98 BGN	35.99 BGN
2 years	8.58 BGN	17.09 BGN	23.59 BGN	31.79 BGN

Conditions:

- If **internet** is also added, the total amount of fee is increasing as it follows:
  - ➢ for a sum that is **less than or equal to BGN 10.00 → BGN 5.50**
  - ➢ for a sum that is **less than or equal to BGN 30.00 → BGN 4.35**
  - ➢ for a sum that is **greater than BGN 30.00 лв. → BGN 3.85**
- if the contract is for **two years**, the total fee **is reduced by 3.75%**

Input

1. **First** line -> **term of the contract** – **"1 year"** or **"2 years"** (only text is acceptable)
2. **Second** line -> **type of the contract** – "**Small**", "**Middle**", "**Large**"or "**ExtraLarge**" (only text is acceptable)
3. **Third** line -> **internet included** – **"yes"** or **"no"** (only text is acceptable)
4. **Fourth** line -> **number of months** for which the customer should pay the fee – an integer **[1 ... 24]**;

Output

- The **final price** that should be paid by the customer, **formatted to the second decimal.**

Examples:

Input	Output
One Small yes 10	BGN 154.80

Input	Output	Input	Output	Input	Output
two Large no 10	BGN 227.05	two ExtraLarge yes 20	BGN 686.07	two Small yes 20	BGN 271.04