# Problem 2 – Sum Cards

Nakov is keen card player and he is now learning a new game. The game uses a **standard deck of 52 cards**. The card faces are: **2**, **3**, **4**, **5**, **6**, **7**, **8**, **9**, **10**, **J**, **Q**, **K** and **A**. The cards suits are denoted by the letters **S** (spades), **H** (hearts), **D** (diamonds) and **C** (clubs). The player is given a hand of cards and he needs to **count their sum**. Card **values** are the following: 2 -> 2, 3 -> 3, 4 -> 4, 5 -> 5, 6 -> 6, 7 -> 7, 8 -> 8, 9 -> 9, 10 -> 10, J -> 12, Q -> 13, K -> 14, A -> 15 (the card suits are ignored). When two or more cards of the same face **come sequentially**, their values are **counted twice**.

For example, the hand "**2C 2H 2D AS 10H 10C 2S KD**" has value (2 + 2 + 2) \* 2 + 15 + (10 + 10) \* 2 + 2 + 14 = **83**.

Write a program that **takes a hand of cards and counts their sum**.

### Input

The input comes from the console as a **single line, holding the hand of cards**. Cards are separated by a space.

The input data will always be valid and in the format described. There is no need to check it explicitly.

### Output

Print at the console a single number: the **value of the hand**.

### Constraints

* The **count** the cards will be in the range [1…99].
* **Card faces** will beone of the following values: [**2**, **3**, **4**, **5**, **6**, **7**, **8**, **9**, **10**, **J**, **Q**, **K**, **A**].
* **Card suits** will beone of the following values: [**S**, **H**, **D**, **C**].
* Time limit: 0.3 sec. Memory limit: 16 MB.

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 2C 2H 2D AS 10H 10C 2S KD | 83 |
| AS KH 10C | 39 |
| 2S 2C 2D 2H | 16 |
| AS 10C KS KH KD 9H JH QS 3H QD QH 8S 10D 10S 7C JD | 265 |