# Problem 2 - Ball in the Bucket

*You are at the funfair to play different games and test your skills. Now you are playing ball in the bucket game.*

You will be given a **matrix with 6 rows and 6 columns** representing the board. On the board, there will be points (integers) and **buckets** marked with the **letter** "**B**". Rules of the game:

* You can **throw** a ball only **3 times**.
* When you **hit a bucket** (position marked with '**B**'), you score the **sum of the points** in the **same column**.
* You can hit a bucket **only once**. If you hit the **same** **bucket** **again**, you do **not** score any points.
* If you hit **outside a bucket** (hit a number on the board) or **outside the board**, you do **not** score any points.

After the board state, you are going to receive the information for every throw on a **separate line**. The **coordinates’** information of **a hit** will be in the format: **"({row}, {column})"**.

Depending on **how many points you have collected**, you win one of the following:

|  |  |
| --- | --- |
| **Football** | **100 to 199 points** |
| **Teddy Bear** | **200 to 299 points** |
| **Lego Construction Set** | **300 and more points** |

**Your job is to keep track of the scored points and to check if you won a prize.**

For more clarifications, see the examples below.

### Input

* **6 lines** – **matrix** representing the board (each position **separated by a single space**)
* On the next 3 **lines** - the **coordinates** of the throw in the format: **"({row}, {column})"**

### Output

* On the first line:
  + If you won a prize, print:

"**Good job! You scored {points} points, and you've won {prize}."**

* + If you did not win any prize, print the points you need to get at least the first prize:

"**Sorry! You need {points} points more to win a prize.**"

### Constraints

* All of the given **points** will be **integers** in the range **[1, 30]**
* All the given **indexes** will be **integers** in the range **[0, 30]**
* There **always** will be **exactly 6 buckets - 1 on each column**

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 10 30 B 4 20 24  7 8 27 23 11 19  13 3 14 B 17 В  12 5 21 22 9 6  B 26 1 28 29 2  25 B 16 15 B 18  (1, 1)  (20, 15)  (4, 0) | Sorry! You need 33 points more to win a prize. |
| B 30 14 23 20 24  29 8 27 18 11 19  13 3 B B 17 6  28 5 21 22 9 B  10 B 26 12 B 2  25 1 16 15 7 4  (0, 0)  (2, 2)  (2, 3) | Good job! You scored 299 points, and you've won Teddy Bear. |