Problem Statement

Nick likes to play the lotto. The cost of a single lotto ticket is **price**. Nick has exactly four banknotes with values **b1**, **b2**, **b3** and **b4** (some of the values may be equal). He wants to know if it's possible to buy a single lotto ticket without getting any change back. In other words, he wants to pay the exact price of a ticket using any subset of his banknotes. Return "POSSIBLE" if it is possible or "IMPOSSIBLE" if it is not (all quotes for clarity).

Definition

Class:	LotteryTicket
Method:	buy
Parameters:	int, int, int, int, int
Returns:	String
Method signature:	String buy(int price, int b1, int b2, int b3, int b4)
(be sure your method is public)	

Constraints

- **price** will be between 1 and 4000, inclusive.
- **b1**, **b2**, **b3** and **b4** will each be between 1 and 1000, inclusive.

Examples

0)

```
10
1
5
10
50
Returns: "POSSIBLE"
```

Nick can use the banknote with value **b3**.

1)

```
15
1
5
10
50
Returns: "POSSIBLE"
```

Here he can use the banknotes with values **b2** and **b3**.

2)

```
65
1
5
10
50
```

```
Returns: "POSSIBLE"
```

b2 + **b3** + **b4** is 65.

3)

```
66
1
5
10
50
Returns: "POSSIBLE"
```

All four banknotes must be used.

4)

```
1000
999
998
997
996
Returns: "IMPOSSIBLE"
```

5)

```
20
5
5
5
5
Returns: "POSSIBLE"
```

Some of the banknote values may be equal.

6)

```
2
1
5
10
50
Returns: "IMPOSSIBLE"
```