## Introduction

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| |  | | --- | | problem **0** | | **Peter’s  Peppers** | | y points | |  |
|  |  |

Peter’s Popular Prime Pepper Plant provides packs of peppers in packages of 6, 11, or 13 peppers.  The price to prepare each package is the same, regardless of size.

Your program should take as input an integer less than 1000.  It should find and display the cheapest combination of packages to ship precisely that number of peppers. If the same total number of packages can be obtained in two ways, choose the one that uses more of the size-13 packages.

# Examples

Example Input: 42

Example Output:

42 peppers can be packed most economically in:

1 package of 13

1 package of 11

3 packages of 6

5 total packages.

Example Input: 55

Example Output:

55 peppers can be packed most economically in:

5 packages of 11

5 total packages.

Example Input: 27

Example Output:

27 peppers cannot be packed.

Example Input: 88

Example Output:

88 peppers can be packed most economically in:

5 packages of 13

1 package of 11

2 packages of 6

8 total packages.