1-Watermelon

One hot summer day Pete and his friend Billy decided to buy a watermelon. They chose the biggest and the ripest one, in their opinion. After that the watermelon was weighed, and the scales showed *w* kilos. They rushed home, dying of thirst, and decided to divide the berry, however they faced a hard problem .Pete and Billy are great fans of even numbers, that's why they want to divide the watermelon in such a way that each of the two parts weighs even number of kilos, at the same time it is not obligatory that the parts are equal. The boys are extremely tired and want to start their meal as soon as possible, that's why you should help them and find out, if they can divide the watermelon in the way they want. For sure, each of them should get a part of positive weight.

**Input**

The first (and the only) input line contains integer number *w* (1 ≤ *w* ≤ 100) — the weight of the watermelon bought by the boys.

**Output**

Print YES, if the boys can divide the watermelon into two parts, each of them weighing even number of kilos; and NO in the opposite case.

**Sample test(s)**

**input**

8

**output**

YES

**Note**

For example, the boys can divide the watermelon into two parts of 2 and 6 kilos respectively (another variant — two parts of 4 and 4 kilos).

2-Sorting Three Floating Numbers

Write a program that reads in three floating-point numbers and sorts them.

For example

4

9

2.5

Use **only** conditional statement

Output

2.5

4

9

3-min and max

How can you find the minimum/maximum of three numbers using the conditional operator.

for example

3

1

5

Max = 5

Min = 1

4. write a program to calculate the sum of positive integers and the sum of

negative integers for 6 integers.

Example :

Input : 2 1 -4 -1 4 -2

Output: sum of positive integers 7

Sum of negative integers -7

*5- Pythagorean Theorem*

The Pythagorean Theorem states that the sum of the squares of the two sides of the right angle triangle is equal to the square of the hypotenuse. For example: 3, 4 and 5 are sides of the right angle triangle as they form a Pythagorean Triple (52 = 42 + 32) Given 2 numbers, m and n where m >= n, a Pythagorean Triple can be generated by the following formulae:



Write a C++ program that prints the values of the Pythagorean Triple generated by the formulae above, given m and n.

Note

Search about pow and sqrt functions

6-Create a program that take 10 numbers from the user and then print the max & min & average of them.