![Graphical user interface, text, application, email

Description automatically generated]()

Problem statement.

N define how many zero in factorial.

![Text, letter

Description automatically generated]()



Here to find trailing 0 formulae.



We will do this till we get x/5^n==0.

![Text, letter

Description automatically generated]()

Here n will be the tailing zero.

![A picture containing text

Description automatically generated]()

Here we need to just find x that we may that will give us 1 zero.

![Text

Description automatically generated]()

Here the range is 1 to 10^4 for the and hence the value of x can be is

![A picture containing text, clipart

Description automatically generated]()

Hence, we will use binary search.

Here if at mid coming less shift right and more shift left.

Code:



