

## Question 1

A Barua number is a number that consists of only zeroes and ones and has only one 1. Barua's number will start with 1. Given numbers, find out the multiplication of the numbers. Note: The input may contain one decimal number and all other Barua numbers. (Assume that each number is the very large and the total number of values give is also very large)

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In [1]: n= [int(i) for i in input('Enter values: ').split()]
c=0
m=1
for i in n:
    def split(num):
        return [char for char in num]
    num = str(i)
    for i in num:
        if i=="0":
            c+=1
        else:
            i=int(i)
            m=m*i
m=str(m)
c=("0"*c)
print(m+c)
```

```
Enter values: 10 100 1000
1000000
```