1.Input 2 Characters and show the output as ASCII number of that 2 characters. Then plus ASCII code and show the result. Last, show the average number of ASCII number sum.

INPUT

```
A
B
```

OUTPUT

```
A
65
B
66
131.00
65.5
```

2.Receive 20 numbers and find maximum number, minimum number **(CANNOT USE LOOP)**

INPUT

```
1 5 1 6 4 2 7 4 1 3 5 5 6 1 3 0 4 9 4 3
```

OUTPUT

```
9 0
```

INPUT

```
12 35 21 4 53 68 93 12 44 22 74 34 53 11 23 41 27 9 3 40
```

OUTPUT

```
93 3
```

3.Input 3 numbers a,b,c and check if that is a valid Pythagoras or not. The valid Pythagoras must **contain all** these properties.

1. a must less than b
2. a,b must less than c
3. $c^2 = a^2 + b^2$

INPUT	**OUTPUT**
3 4 5	Pythagorean is valid!
INPUT	**OUTPUT**
2 4 3	Pythagorean is invalid! 'a' and 'b' must less than 'c'
INPUT	**OUTPUT**
3 2 1	Pythagorean is invalid! 'a' must less than 'b'
INPUT	**OUTPUT**
1 2 3	Pythagorean is invalid!
INPUT	**OUTPUT**
11 60 61	Pythagorean is valid!

4.Looping for receive input and continue until put a minus number. Then find first 3 maximum number. **(CANNOT USE ARRAY) (MAXIMUM VALUE IS 10000)**

INPUT

```
7 2 1 8 9 5 3 4 -1
```

OUTPUT

```
9 8 7
```

INPUT

```
3 3 1 1 1 1 -6
```

OUTPUT

```
3 3 1
```

INPUT

```
88 12 91 21 123 1029 136 1 0 32 1 1 2 3 1290 -2
```

OUTPUT

```
1290 1029 136
```

5.Input **n,m** integer. Then create array size of n and receive integers of **n** numbers. If any pair in array add together and get result of **m** count as 1 pair. Last, show the result of total pair in array n that can add together and get m.

INPUT

```
4
5
1 2 3 4
```

OUTPUT

```
2
```

INPUT

```
5
2
3 5 1 2 8
```

OUTPUT

```
0
```

INPUT

```
4
2
1 1 1 1
```

OUTPUT

```
6
```

6.Receive 20 characters and keep in array. Count how many space (“ ”) in that array. Count how many “the” in that array (case insensitive Ex. the The THE tHe also counted)

INPUT

the dog and the cats

OUTPUT

4 2

INPUT

I wanna try my best

OUTPUT

4 0