

1. Condition

Write a program to help you feed your friends at a party by doing some math about square pizzas. Assume the grader defines a string inputStr for you, which is a decimal string meaning the side length L of the pizza in cm. The area of the pizza should be computed using the formula $A = L * L$. Then, assuming that each person needs to eat 100 cm² of pizza, compute the number of people it can feed, rounded down to the nearest integer.

2. Solution

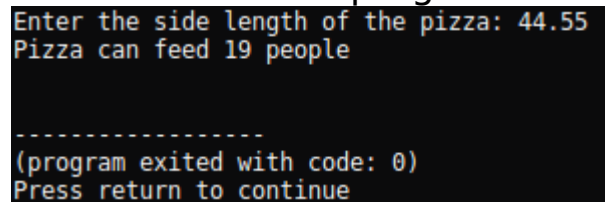
```
#enter the side length of the pizza
inputStr = input('Enter the side length of the pizza: ')
L = float(inputStr)

#calculate the pizza area
A = L*L

#compute the number of people pizza can feed
men = int(A/100)

#print out the number of people
print('Pizza can feed {} people'.format(men))
```

3. Screenshots of the program



```
Enter the side length of the pizza: 44.55
Pizza can feed 19 people

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(program exited with code: 0)
Press return to continue
```