

File Edit Format Run Options Window Help

```
import math
family = 4
pizzaslices = 8
```

```
person1 = int(input("How many slices of pizza do you want
person2 = int(input("How many slices of pizza do you want
person3 = int(input("How many slices of pizza do you want
person4 = int(input("How many slices of pizza do you want
```

```
totalslices = person1 + person2 + person3 + person4
```

```
#eat = int(input("How many slices of pizza do you want to
```

```
#totalslices = eat * family
```

```
#print(totalslices)
```

```
wholepizza = math.ceil(totalslices/pizzaslices)
```

```
print("We need to order", wholepizza, "pizzas")
```

```
leftbymodulo = totalslices%pizzaslices
```

```
print("the number of leftover slices is", leftbymodulo)
```

```
left = wholepizza*pizzaslices - totalslices
```

```
print(left)
```

IDLE Shell 3.12.3

File Edit Shell Debug Options Window Help

```
How many slices of pizza do you want to eat3
```

```
12
```

```
2
```

```
>>>
```

```
===== RESTART: C:/Users/custom-hsvcis/Desktop/Pizza.py =====
```

```
How many slices of pizza do you want to eat3
```

```
12
```

```
2
```

```
4
```

```
>>>
```

```
===== RESTART: C:/Users/custom-hsvcis/Desktop/Pizza.py =====
```

```
How many slices of pizza do you want to eat3
```

```
We need to order 2 pizzas
```

```
the number of leftover slices is 4
```

```
>>>
```

```
===== RESTART: C:/Users/custom-hsvcis/Desktop/Pizza.py =====
```

```
How many slices of pizza do you want to eat1
```

```
We need to order 1 pizzas
```

```
the number of leftover slices is 4
```

```
>>>
```

```
===== RESTART: C:/Users/custom-hsvcis/Desktop/Pizza.py =====
```

```
How many slices of pizza do you want to eat0
```

```
We need to order 0 pizzas
```

```
the number of leftover slices is 0
```

```
>>>
```

```
===== RESTART: C:/Users/custom-hsvcis/Desktop/Pizza.py =====
```

```
How many slices of pizza do you want to eat3
```

```
We need to order 2 pizzas
```

```
the number of leftover slices is 4
```

```
4
```

```
>>>
```

```
===== RESTART: C:/Users/custom-hsvcis/Desktop/Pizza.py =====
```

```
How many slices of pizza do you want to eat2
```

```
How many slices of pizza do you want to eat2
```

```
How many slices of pizza do you want to eat4
```