

```
#PROBLEM 2.5
subtotal, gratuity = eval(input("Enter the subtotal and a gratuity rate:
"))
gratuity = subtotal * (gratuity/100)
total = subtotal + gratuity
print("The gratuity is", round(gratuity,2), "and the total is",
round(total,2))
= RESTART: C:/Users/Caden
Roberts/AppData/Local/Programs/Python/Python311/Chapter 1.py
Enter the subtotal and a gratuity rate: 15.69, 15
The gratuity is 2.35 and the total is 18.04
```

```
#PROBLEM 2.13
int = eval(input("Enter an integer: "))
thousands = round(int/1000)
hundreds = round((int - thousands*1000)/100)
tens = round((int - thousands*1000 - hundreds*100)/10)
ones = int - thousands*1000 - hundreds*100 - tens*10
text = str(thousands)+'\n'+str(hundreds)+'\n'+str(tens)+'\n'+str(ones)
print(text)
= RESTART: C:/Users/Caden
Roberts/AppData/Local/Programs/Python/Python311/Chapter 1.py
Enter an integer: 3125
3
1
2
5
```

```
#PROBLEM 2.15
side = eval(input("Enter the side: "))
area = round((1.5 * (3**0.5) * (side**2)), 4)
print("The area of the hexagon is", area)
= RESTART: C:/Users/Caden
Roberts/AppData/Local/Programs/Python/Python311/Chapter 1.py
Enter the side: 5.5
The area of the hexagon is 78.5918
```