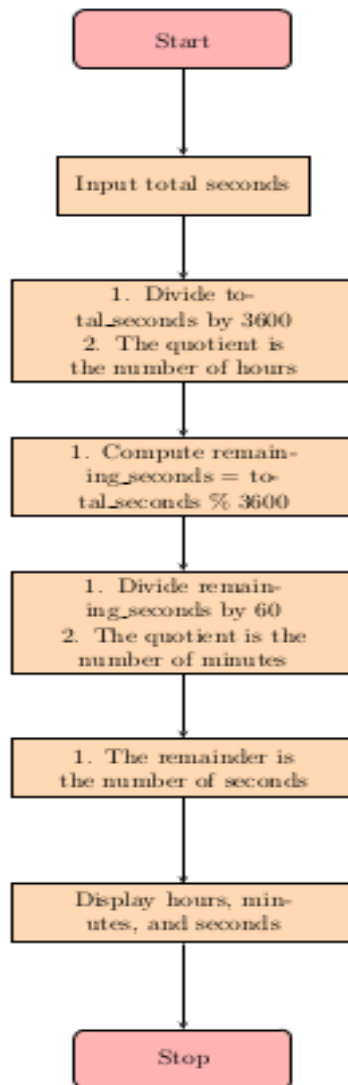
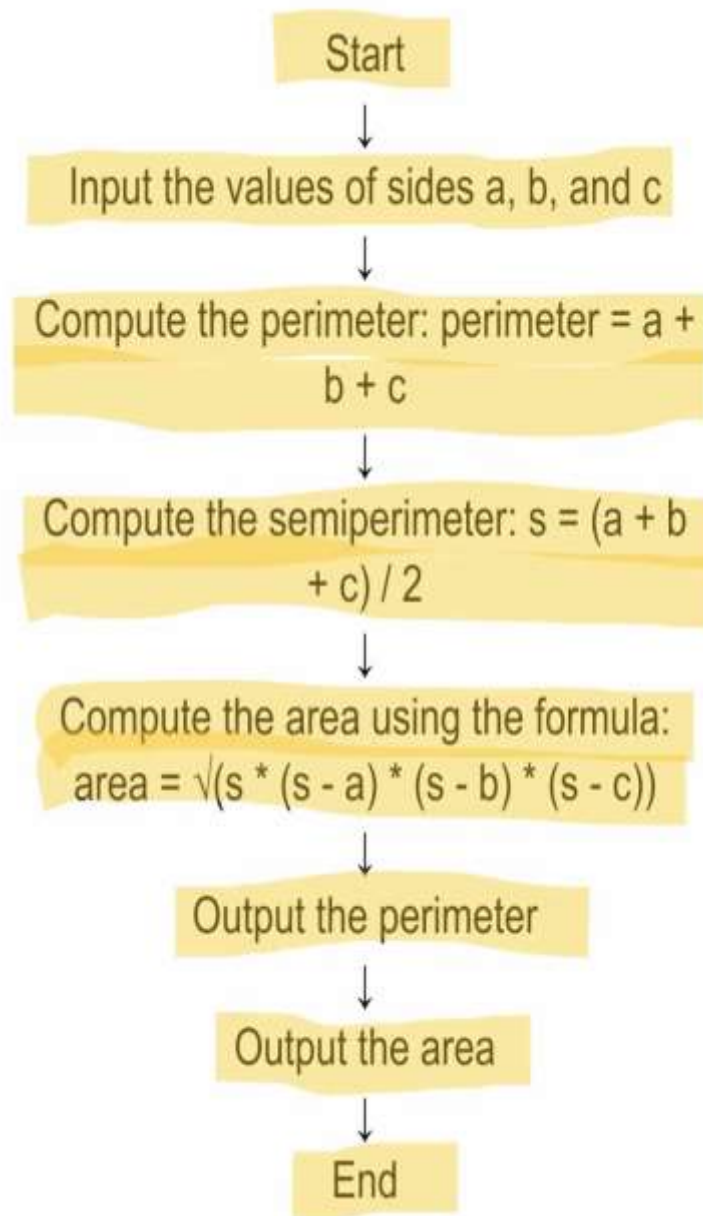


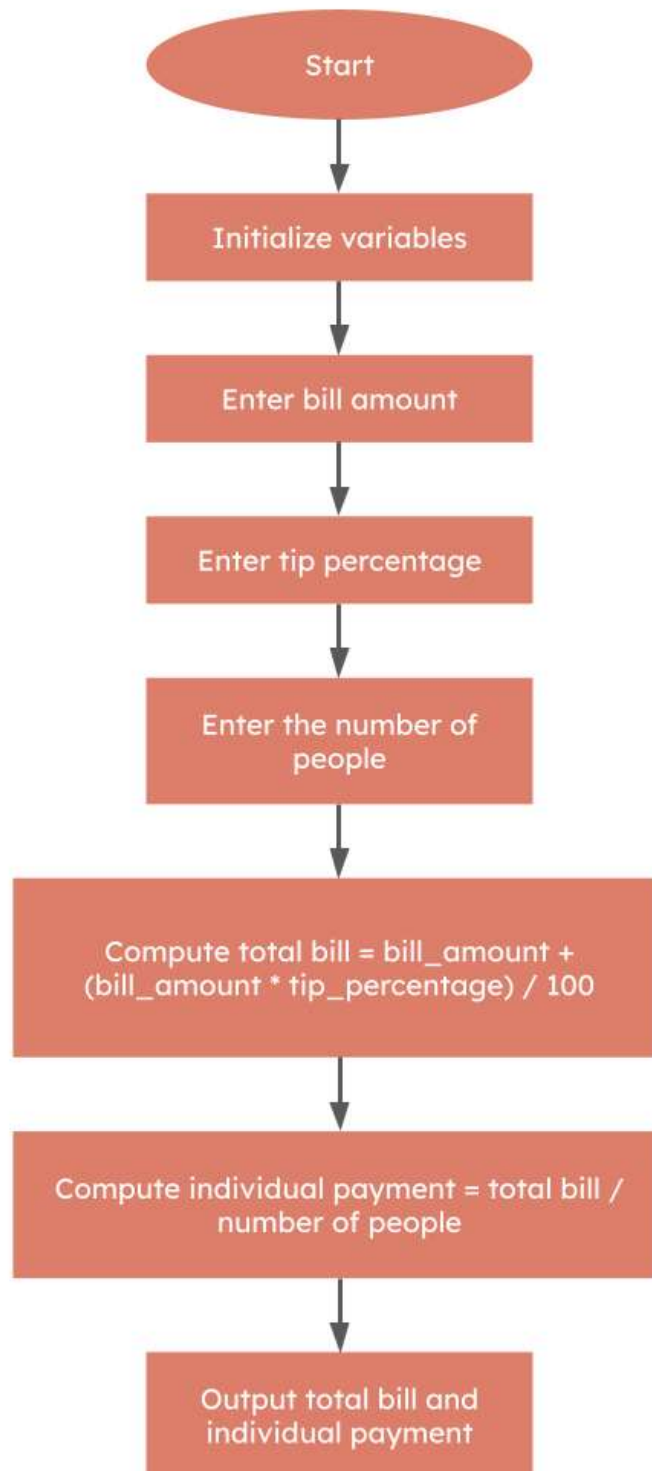
Problem #1 Flowchart:



Problem #2 Flowchart:



Problem #3 Flowchart



Problem #4 Pseudocode:

```
Int earth_weight, mars_weight, moon_weight, jupiter_weight;  
  
PRINT "Enter weight on Earth (in kg): "  
READ earth_weight  
  
mars_weight = earth_weight * 0.38  
moon_weight = earth_weight * 0.165  
jupiter_weight = earth_weight * 2.34  
  
PRINT "Weight on Mars: " mars_weight " kg"  
PRINT "Weight on the Moon: " moon_weight " kg"  
PRINT "Weight on Jupiter: " jupiter_weight " kg"
```

Problem #5 Pseudocode:

```
Declare totalAmountPayable, receivedPayment, amountOfChange as Int;

Print "Enter total amount payable";
Input: totalAmountPayable;

Print "Payment received";
Input: receivedPayment;

Set amountOfChange equal to receivedPayment - totalAmountPayable;

Print "The total amount of change: ", amountOfChange;
Print "Number of 1000 bills: ", amountOfChange / 1000;
Set amountOfChange equal to amountOfChange % 1000;

Print "Number of 500 bills: ", amountOfChange / 500;
Set amountOfChange equal to amountOfChange % 500;

Print "Number of 200 bills: ", amountOfChange / 200;
Set amountOfChange equal to amountOfChange % 200;

Print "Number of 100 bills: ", amountOfChange / 100;
Set amountOfChange equal to amountOfChange % 100;

Print "Number of 50 bills: ", amountOfChange / 50;
Set amountOfChange equal to amountOfChange % 50;

Print "Number of 20 bills: ", amountOfChange / 20;
Set amountOfChange equal to amountOfChange % 20;

Print "Number of 10 bills: ", amountOfChange / 10;
Set amountOfChange equal to amountOfChange % 10;

Print "Number of 5 bills: ", amountOfChange / 5;
Set amountOfChange equal to amountOfChange % 5;

Print "Number of 1 bills: ", amountOfChange / 1;
Set amountOfChange equal to amountOfChange % 1;
```