(a).

Step 1: Get n from user input

Step 2: Set the value of sum = 0

Step 3: Set the value of i = 1

Step 4: While the value of i is less than or equal to n, repeat the instruction in step 4 through 5

Step 5: Add the current value of sum and i to get a new value of sum

Step 6: Add 1 to i to move to the next integer

Step 7: Print out the answer, sum

Step 8: Stop

(b).

Step 1: Get n from user input

Step 2: Set the value of sum = 0

Step 3: Set the value of evenSum = 0

Step 4: Set the value of i = 1

Step 5: Set the value of unevenSum = 0

Step 6: While the value of i is less than or equal to n, repeat the instruction in step 6 through 7

Step 7: If i is even, add the current value of evenSum and i to get a new value of evenSum;
        otherwise, add the current value of unevenSum and i to get a new value of unevenSum

Step 8: Add 1 to i to move to the next integer

Step 9: Add evenSum and unevenSum to get the value of sum

Step 10: Print out the answer, Even numbers sum: evenSum; Uneven numbers sum: unevenSum;
        Total sum: sum

Step 11: Stop