**1. Counting Laddus (Easy)**

**Story:  
Chef’s mom prepared a big jar full of laddus for a festival. She wants Chef to count all the laddus carefully so none get missed. Chef decides to count each laddu starting from 1 up to the total number in the jar. He wants to list out the count to keep track. Help Chef by printing all numbers from 1 up to the number of laddus he has.**

**Input Format:  
An integer N — number of laddus.**

**Output Format:  
Print all numbers from 1 to N separated by spaces.**

**Constraints:  
1 ≤ N ≤ 100**

**Sample Input 1:  
5**

**Sample Output 1:  
1 2 3 4 5**

**Sample Input 2:  
3**

**Sample Output 2:  
1 2 3**

**Hint:  
Use a for loop to iterate from 1 to N and print each number.**

**2. Chef’s Countdown (Easy)**

**Story:  
Before starting his live cooking show, Chef wants to build excitement with a countdown. The countdown starts from a given number N and goes down to 1. This countdown will help set the stage and get the audience ready. Chef needs to print all the numbers in the countdown in descending order. Help Chef display this countdown smoothly.**

**Input Format:  
An integer N.**

**Output Format:  
Print numbers from N down to 1 separated by spaces.**

**Constraints:  
1 ≤ N ≤ 50**

**Sample Input 1:  
5**

**Sample Output 1:  
5 4 3 2 1**

**Sample Input 2:  
3**

**Sample Output 2:  
3 2 1**

**Hint:  
Use a while loop that decreases N each time until 1.**

**3. Print Even Numbers (Easy)**

**Story:  
Chef is sorting ingredients for his recipes and decides to label only the even-numbered items for better organization. He wants to print out all even numbers up to N so he can tag them correctly. This way, his kitchen will stay neat and efficient. Assist Chef by printing all even numbers from 1 up to N.**

**Input Format:  
An integer N.**

**Output Format:  
Print all even numbers from 1 to N separated by spaces.**

**Constraints:  
1 ≤ N ≤ 100**

**Sample Input 1:  
10**

**Sample Output 1:  
2 4 6 8 10**

**Sample Input 2:  
7**

**Sample Output 2:  
2 4 6**

**Hint:  
Use a for loop and check if the number is divisible by 2.**

**4. Sum of First N Natural Numbers**

**Story:  
Chef is weighing ingredients one by one and wants to know the total weight if he adds them sequentially from the first ingredient to the Nth. Each ingredient has a weight corresponding to its order number. Chef needs to calculate the sum of all these ingredient weights quickly. This total will help him in balancing the recipe perfectly. Write a program to find the sum from 1 to N.**

**Input Format:  
An integer N.**

**Output Format:  
Print the sum of numbers from 1 to N.**

**Constraints:  
1 ≤ N ≤ 10^5**

**Sample Input 1:  
5**

**Sample Output 1:  
15**

**Sample Input 2:  
10**

**Sample Output 2:  
55**

**Hint:  
Use a loop to add numbers from 1 to N or use the formula N\*(N+1)/2.**

**5. Sum of Digits**

**Story:  
Chef received a secret locker code made of numbers, but it’s too long to remember easily. He wants to find the sum of the digits of this code to create a simpler hint for himself. By adding all the digits together, Chef can verify the code more easily. Help Chef by calculating the sum of digits of the locker code number.**

**Input Format:  
An integer N.**

**Output Format:  
Print the sum of digits of N.**

**Constraints:  
1 ≤ N ≤ 10^6**

**Sample Input 1:  
123**

**Sample Output 1:  
6**

**Sample Input 2:  
987**

**Sample Output 2:  
24**

**Hint:  
Use a loop: extract digit using N % 10 and update N with N // 10.**

**6. Reverse the Number**

**Story:  
While entering a secret code on his computer, Chef accidentally typed the number backwards. Now he wants to see the original number to fix his mistake. He needs a program that will take the reversed number and output the correct forward number. This way, he can enter the code correctly and continue his work. Help Chef reverse the digits of the number.**

**Input Format:  
An integer N.**

**Output Format:  
Print the reverse of the number.**

**Constraints:  
1 ≤ N ≤ 10^6**

**Sample Input 1:  
1234**

**Sample Output 1:  
4321**

**Sample Input 2:  
987**

**Sample Output 2:  
789**

**Hint:  
Use a loop to reverse by extracting digits and appending to result.**

**7. Print Multiplication Table**

**Story:  
Chef is organizing his cooking class schedule and wants to prepare a multiplication table for the number of students in each batch. This table will help him calculate ingredients needed for each class. For every number from 1 to 10, Chef wants to know the product with the batch size N. Help Chef print the multiplication table of N up to 10.**

**Input Format:  
An integer N.**

**Output Format:  
Print the multiplication table of N up to 10 separated by spaces.**

**Constraints:  
1 ≤ N ≤ 100**

**Sample Input 1:  
3**

**Sample Output 1:  
3 6 9 12 15 18 21 24 27 30**

**Sample Input 2:  
5**

**Sample Output 2:  
5 10 15 20 25 30 35 40 45 50**

**Hint:  
Loop from 1 to 10 and multiply with N.**

**8. Count Digits in a Number**

**Story:  
Chef received a product code with a long sequence of numbers. To keep his records neat, he wants to know how many digits are in that product code. Knowing the length helps him classify and store the product properly. Help Chef by calculating the total number of digits in the given number.**

**Input Format:  
An integer N.**

**Output Format:  
Print the number of digits in N.**

**Constraints:  
1 ≤ N ≤ 10^9**

**Sample Input 1:  
1234**

**Sample Output 1:  
4**

**Sample Input 2:  
90**

**Sample Output 2:  
2**

**Hint:  
Use a loop to divide N by 10 until N becomes 0, count steps.**

**9. Factorial of a Number**

**Story:  
Chef is arranging plates in a row for a big event and wonders in how many ways he can arrange N plates. This number is given by the factorial of N, which is the product of all numbers from 1 to N. Chef wants to know this number to plan the arrangements efficiently. Help Chef by calculating the factorial of N.**

**Input Format:  
An integer N.**

**Output Format:  
Print the factorial of N.**

**Constraints:  
1 ≤ N ≤ 20**

**Sample Input 1:  
5**

**Sample Output 1:  
120**

**Sample Input 2:  
4**

**Sample Output 2:  
24**

**Hint:  
Multiply all numbers from 1 to N in a loop.**

**10. Saving Money Weekly**

**Story:  
Sarah is planning her savings for the next few weeks. She decides to save $10 in the first week and increase her savings by $10 every subsequent week. This way, her savings grow steadily each week. Sarah wants to know how much she saves each week over N weeks. Help Sarah by printing the amount saved every week.**

**Input Format:  
A single integer N representing the number of weeks.**

**Output Format:  
Print the amount saved each week separated by spaces.**

**Constraints:  
1 ≤ N ≤ 20**

**Sample Input 1:  
4**

**Sample Output 1:  
10 20 30 40**

**Sample Input 2:  
3**

**Sample Output 2:  
10 20 30**

**Hint:  
Use a loop to print multiples of 10 from 10 to 10\*N.**