//////////////////////PART 1///

1. Write a C# Sharp program to compute the sum of the two numerical values. If the two values are the same, return triple their sum.

Sample Input:

1, 2

3, 2

2, 2

Expected Output:

3

5

12

2. Write a C# Sharp program to get the absolute difference between n and 51. If n is broader than 51 return triple the absolute difference.

Sample Input:

53

30

51

Expected Output:

6

21

0

3. Write a C# Sharp program to check two given integers, and return true if one of them is 30 or if their sum is 30.

Sample Input:

30, 0

25, 5

20, 30

20, 25

Expected Output:

True

True

True
False

4. Write a C# Sharp program to check a given integer and return true if it is within 10 of 100 or 200.
Sample Input:
103
90
89
Expected Output:
True
True
False

5. Write a C# Sharp program to create a string where 'if' is added to the front of a given string. If the string already begins with 'if', return it unchanged.
Sample Input:
"if else"
"else"
Expected Output:
if else
if else

6. Write a C# Sharp program to remove the character at a given position in the string. The given position will be in the range 0..(string length -1) inclusive.
Sample Input:
"Python", 1
"Python", o
"Python", 4
Expected Output:
Pthon
ython
Pythn

7. Write a C# Sharp program to exchange the first and last characters in a given string and return the new string.
Sample Input:
"abcd"
"a"
"xy"
Expected Output:
dbca
a
yx

8. Write a C# Sharp program to create a string which is 4 copies of the 2 front characters of a given string. If the given string length is less than 2 return the original string.
Sample Input:
"C Sharp"
"JS"
"a"
Expected Output:
C C C C
JSJSJSJS
a

9. Write a C# Sharp program to create a string with the last char added at the front and back of a given string of length 1 or more.
Sample Input:
"Red"
"Green"
"1"
Expected Output:
dRedd
nGreenn
111

10. Write a C# Sharp program to check if a given positive number is a multiple of 3 or 7.
Sample Input:
3
14
12
37
Expected Output:
True
True
True
False

11. Write a C# Sharp program to create a string taking the first 3 characters of a given string. Return the string with the 3 characters added at both the front and back. If the given string length is less than 3, use whatever characters are there.
Sample Input:
"Python"
"JS"
"Code"
Expected Output:
PytPythonPyt
JSJSJS
CodCodeCod

12. Write a C# Sharp program to check if a given string starts with 'C#' or not.
Sample Input:
"C# Sharp"
"C#"
"C++"
Expected Output:
True
True

False

13. Write a C# Sharp program that checks whether one temperature is less than 0 and another is greater than 100.
Sample Input:
120, -1
-1, 120
2, 120
Expected Output:
True
True
False

14. Write a C# Sharp program to check two given integers whether either of them is in the range 100..200 inclusive.
Sample Input:
100, 199
250, 300
105, 190
Expected Output:
True
False
True

15. Write a C# Sharp program to check whether three given integer values are in the range 20..50 inclusive. Return true if 1 or more of them are in the said range otherwise false.
Sample Input:
11, 20, 12
30, 30, 17
25, 35, 50
15, 12, 8
Expected Output:
True
True

True
False

16. Write a C# Sharp program to check whether two given integer values are in the range 20..50 inclusive. Return true if 1 or other is in the range, otherwise false.
Sample Input:
20, 84
14, 50
11, 45
25, 40
Expected Output:
True
True
True
False

17. Write a C# Sharp program to check if a string 'yt' appears at index 1 in a given string. If it appears return a string without 'yt' otherwise return the original string.
Sample Input:
"Python"
"ytade"
"jsues"
Expected Output:
Phon
ytade
jsues

18. Write a C# Sharp program to check the largest number among three given integers.
Sample Input:
1,2,3
1,3,2
1,1,1

1,2,2
Expected Output:
3
3
1
2

19. Write a C# Sharp program to check which number is closest to 100 among two given integers. Return 0 if the two numbers are equal.
Sample Input:
78, 95
95, 95
99, 70
Expected Output:
95
0
99

20. Write a C# Sharp program to check whether two given integers are in the range 40..50 inclusive, or they are both in the range 50..60 inclusive.
Sample Input:
78, 95
25, 35
40, 50
55, 60
Expected Output:
False
False
True
True

21. Write a C# Sharp program to find the largest value from two positive integer values in the range 20..30 inclusive. Return 0 if neither is in that range.
Sample Input:
78, 95
20, 30
21, 25
28, 28
Expected Output:
0
30
25
28

22. Write a C# Sharp program to check if a given string contains between 2 and 4 'z' characters.
Sample Input:
"frizz"
"zane"
"Zazz"
"false"
"zzzz"
"ZZZZ"
Expected Output:
True
False
True
False
True
False

23. Write a C# Sharp program to check if two given non-negative integers have the same last digit.

Sample Input:
123, 456
12, 512
7, 87
12, 45
Expected Output:
False
True
True
False

24. Write a C# Sharp program to convert the last 3 characters of a given string to uppercase. If the length of the string is less than 3, then uppercase all the characters.
Sample Input:
"Python"
"Javascript"
"js"
"PHP"
Expected Output:
PytHON
JavascrIPT
JS
PHP

25. Write a C# Sharp program to create a string which is n (non-negative integer) copies of a given string.
Sample Input:
"JS", 2
"JS", 3
"JS", 1
Expected Output:
JSJS
JSJSJS
JS