1) Write a program that reads a number and checks if the given number is greater than 70.
   Explanation:
   For example, if the given number is 86, the output should be True as 86 is greater than 70.

2) Write a program that reads two numbers and checks if the first number is greater than the second number.
   Explanation:
   For example, if the given numbers are 6 and 4, the output should be True as 6 is greater than 4.

3) Write a program that reads a number and checks if the given number is a negative number
   Note: Negative numbers are numbers that are less than zero
   Explanation:
   For example, if the given number is 25, the output should be True as 25 is less than zero.

4) Write a program that reads two words and checks if the given two words are the same
   Explanation:
   For example, if the given words are Jam and Jam,
   The output should be True as both the words Jam and Jam are the same.

5) Write a program that reads a day number and checks if the given day is a Sunday

Day	Day No
Monday	1
Tuesday	2
Wednesday	3
Thursday	4
Friday	5
Saturday	6
Sunday	7

   Explanation:
   For example,
   - if the given day number is 7, the output should be True as 7 is equal to the day number of Sunday which is 7.
   - if the given day number is 4, the output should be False as 4 is not equal to the day number of Sunday which is 7.

6) Write a program that reads two numbers and checks if the given two numbers are not the same.
   Explanation:
   For example, if the given numbers are 2 and 3, the output should be True as 2 is not equal to 3.

7) Write a program that reads two numbers A and B and checks if A is greater than or equal to B . Print the result as shown in the sample output.
Explanation:
For example, if the given numbers are A = 4.3 and B = 3.2 ,
- A is greater than or equal to B : True. (4.3 is greater than or equal to 3.2)
- Add the string "A >= B is" before True.

The output should be A >= B is True.

8) Write a program that reads two numbers and checks if the first number is less than or equal to the second number.
Explanation:
For example, if the given numbers are 2 and 5.3, the output should be True as 2 is less than 5.3.

9) Write a program that reads two numbers A and B and checks if the A is greater than B . Print the result as shown in the sample output.
Explanation:
For example, if the given numbers are A=8 and B=5 ,
- A is greater than B : True. (8 is greater than 5)
- Add the string "A > B is " before True.

The output should be A > B is True.

10) Write a program that reads two numbers A and B , and checks if B is greater than A by one.
Explanation:
For example, if the given numbers are A=2 and B=3 ,
The B is greater than A by only one.
The output should be True as B is greater than A by one.

11) Write a program that reads a word and checks if the first letter and last letter of the word are not the same.
Explanation:
For example, if the given word is “Python”,
The output should be True as the first letter “P” and the last letter “n” of the word are not the same

12) Write a program that reads a two digit number N . The N consists of only two digits. Check if the sum of the digits of N is greater than 7.
Explanation:
For example, if the given two digit number N is 45
The digits in N (45) are 4 and 5.
Sum of digits of 45 is 9. (4+5 = 9)
The output should be True as the sum of digits 9 is greater than 7.

13) Write a program to check if the given string is a valid password or not. A string is considered as a valid password if the number of characters present is greater than 7.
Explanation:
For example, if the given input is "passwd", it has only 6 characters (less than 7. So the output should be False.

14) Write a program that reads two words A and B and checks if the second word B is the last part of the first word A .
Explanation:
For example, if the given words are A = Blackhole and B = hole , The output should be True as hole is the last part of the word Blackhole.

15) Write a program that reads two words A , B , and an index I . Check if B starts at index I in A .
Explanation:
For example, if the given words are A = Repeat , B = pea , and the index is I 2 ,
- The word Pea is a part of the word Repeat.
- The word Pea starts at the 2nd index of the word Repeat.

The output should be True as the string pea starts from the index 2 of the string Repeat.

16) Write a program to check if the first three characters in the two given strings are the same.
Explanation:
When the given words are "Apple" and "Application", first three characters in both the strings are the same ("App")
When the given words are "Android" and "Application", the first three characters in both the strings are different ("And" != "App")

17) Write a program that reads two strings S1 and S2 , and checks if S2 is the first part of S1 .
Note: No.of characters in the first part of S1 is equal to the number of characters in S2 .
Explanation:
For example, if the given strings are S1 = rainbow and S2 = rain ,
The first part of S1 is rain.
The characters in S2 are rain.
The first part of S1 and the characters of S2 are the same.
The output should be True as the S2 rain is the first part of the S1 rainbow.

18) Write a program that reads the selling price S and buying price B of a product and checks if S is greater than B .
Explanation:
For example, if the given selling price S 600 and the buying price B 500 ,
The S is greater than B . (600 is greater than 500).
The output should be True as the selling price is greater than the buying price.

19) Write a program that reads a string and a number N and checks if the first N characters of the string and the last N characters of the string are, not the same.

Explanation:

For example, if the given string is toronto and the number N 2 ,

The first 2 characters of toronto are to.

The last 2 characters of toronto are to.

The first 2 characters (to) and the last 2 characters (to) are the same.

The output should be False as the first 2 characters and the last 2 characters are the same.

20) Write a program that reads two numbers A and B and checks, If A is less than or equal to B . If B is less than or equal to A . Print the result as shown in the sample output.

Explanation:

For example, if the given numbers are A = 5 and B = 3 ,

✗ A is less than or equal to B . (5 is not less than or equal to 3)

✓ B is less than or equal to A . (3 is less than or equal to 5)

The output should be

A <= B is False

B <= A is True

21) Write a program to check if the last three characters in the two given strings are the same.

Explanation:

Given strings are “apple” , “pimple” . In both the strings, the last three characters “ple” are common. So the output should be True .