1) Write a program that reads a number and converts it to a positive number. If the given number is negative, convert it to a positive number and print it. Otherwise, print the given number.

For example, if the given number is -5,
-5 is a negative number.
-5 should be converted to a positive number which is 5.
The output should be 5.

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2) Write a program that reads the student's marks as input and prints PASS or FAIL.If the student has scored more than 50, print PASS. In all other cases print FAIL.

In the given example, the student's marks are 85, which is more than 50, so the result should be PASS. Similarly, if the marks are 45, the result should be FAIL

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3) Write a program that reads two numbers A and B and prints the greatest among the two numbers.

For example, if the given numbers are A=4 and B=3 , the output should be 4 as 4 is greater than 3.

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4) Write a program that reads the age of a person and checks if the age of the person is greater than or equal to 18 for eligibility to vote. Print Eligible if the age of the person is greater than or equal to 18, otherwise print Not Eligible.

For example, If the given age of a person is 15, the output should be Not Eligible as 15 is not greater than or equal to 18. If the given age of a person is 21, the output should be Eligible as 21 is greater than 18.

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5) Write a program to print the relation between two numbers, X and Y .

Given X=2 , Y=5 As 2< 5 (X <Y) So the output is X< Y

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6) Write a program to check if the given two numbers are equal.

For example, if the first number is 5 and the second number is 5. Since both the given numbers are equal. So the output should be "Equal". Whereas, if the first number is 10 and the second number is 5, both the numbers are not equal. So the output should be "Not Equal".

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7) Given the length and breadth of a box, check if it is a Rectangle or Square.

For example, if the given length is 6, and the given breadth is 6, the length and breadth are equal. So the output should be "Square". Similarly, if the given length is 5, and the breadth is 10, the length and breadth are not equal. So the output should be "Rectangle"

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8) Write a program that reads a temperature and checks if the given temperature is between 15 and 40. Print Can go for a walk if the given temperature is between 15 and 40, otherwise print Cannot go for a walk.

For example, if the given temperature is 26, 26 is greater than 15. 26 is less than 40. So, 26 is between 15 and 40. The output should be Can go for a walk as 26 is between 15 and 40

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9) Write a program that reads the size S and page count C of a book and checks if S is equal to large or C is greater than or equal to 300. Print Buy a Book if S is equal to large or C is greater than or equal to 300. Otherwise, print Do Not Buy a Book.

For example, if the given size is S ="large" and the page count is C =80 , ✔ S is equal to large. (large is equal to large) ✗ C is greater than or equal to 300. (80 is not greater than or equal to 300) The output should be Buy a Book as the size of the book S is equal to large.

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10) Write a program that reads two numbers A and B and checks if both A and B are less than or equal to 1000 or B is greater than 500. Print Pair if both A and B are less than or equal to 1000 or B is greater than 500. Otherwise, print Not a Pair.

11) Write a program that reads the scores A and B of two players and checks if one of the scores is greater than 300 and the sum of the scores is less than 500. Print Can team up if one of the scores is greater than 300 and the sum of the scores is less than 500, otherwise print Cannot team up.

12) Write a program that reads a number and checks if the given number is equal to 0 or positive. Print Zero if the given number is equal to 0. Print Positive if the given number is a positive number.

    Note: Positive numbers are numbers that are greater than 0.

13) Write a program that reads a number and checks if the given number is zero, positive or negative. Print Zero if the given number is equal to 0. Print Positive if the given number is greater than 0. Print Negative if the given number is less than 0.

14) Write a program that reads a number N and checks if N is greater than 10. Print the result of N+5 if N is greater than 10. Otherwise, print the result of N+1 .

15) Write a program that reads the three angles A , B , and C of a Triangle and checks if the sum of the three angles of the Triangle is equal to 180, print Valid Triangle, Otherwise, print Not a Valid Triangle.

16) Write a program that reads three numbers A , B , and C , and checks if each number is greater than 100. Print All are greater than 100 if each number is greater than 100. Otherwise, print Not all are greater than 100.

17) Write a program that reads a Room Number and checks if the Number in the given Room Number is less than 30. The Room Numbers are in the format of R1 , R35 , etc. Print Ground Floor if the Number is less than 30. Otherwise, print Not Ground Floor.

18) Write a program that reads three numbers A , B , and C and checks if any of the given numbers is between 9 and 21.