**JAVA (JAVA Conditional Control Structures) -Tasks**

**Task #1: Write a JAVA program to ask the user to input his/her age. Then the program will show if the person is eligible to vote. A person who is eligible to vote must be older than or equal to 18 years old.**

Expected Output

Enter your age: 18

You are eligible to vote.

**Task #2: A student will not be allowed to sit in exam if his/her attendance is less than 75%.**Take following input from user  
Number of classes held  
Number of classes attended.  
And print  
percentage of class attended  
Is student is allowed to sit in exam or not.

**Task # 4(a): Write a program that will [ask the user to enter any number and the program will then print its square. The program first checks that :](https://www.w3resource.com/java-exercises/conditional-statement/java-conditional-statement-exercise-31.php)**

* **[The number is a NOT equal is zero](https://www.w3resource.com/java-exercises/conditional-statement/java-conditional-statement-exercise-31.php)**
* **[The number is a NOT a negative number](https://www.w3resource.com/java-exercises/conditional-statement/java-conditional-statement-exercise-31.php)**

**Task # 4(b): Write a program that will** [**ask the user to enter any number and the program checks whether the entered number is a double figure number.**](https://www.w3resource.com/java-exercises/conditional-statement/java-conditional-statement-exercise-31.php)

**Task#5** **Write a JAVA program that prompts the user to enter any character and the program checks as:**

* + **the character is a lower case character case or upper case character**
  + **if it is a lower case then convert it into upper case.**
  + **if it is an upper case then convert it into lower case.**

**Task # 6: Write a program that**[**accepts three numbers from the user and prints**](https://www.w3resource.com/java-exercises/conditional-statement/java-conditional-statement-exercise-31.php)**compares whether all three numbers are equal are not.**

**Task # 7: Write a program that**[**accepts two numbers from the user and prints**](https://www.w3resource.com/java-exercises/conditional-statement/java-conditional-statement-exercise-31.php)**compares which number is a greater number among them.**

**Task # 12: Write a program that**[**accepts three numbers from the user and prints**](https://www.w3resource.com/java-exercises/conditional-statement/java-conditional-statement-exercise-31.php)**"increasing" if the numbers are in increasing order, "decreasing" if the numbers are in decreasing order.**

*Test Data*  
Input first number: 15   
Input second number: 25  
Input third number: 35  
*Expected Output*:

Increasing order

**Task #14:** Take three numbers from the user and print the greatest number.  *Test Data*  
Input the 1st number: 25   
Input the 2nd number: 78   
Input the 3rd number: 87  
*Expected Output*:   
The greatest: 87

**Task # 16**: Write a program that declares an int variable, assign it a value of your choice. The program checks as:

**if the number is even make it odd number.**

**if the number is odd prints its square.**

**if the number is equal to 0 make it a double figure number and prints its cube.**

**Task # 18** A shop will give discount of 10% if the cost of purchased quantity is more than 1000.  
Ask user for quantity  
Suppose, one unit will cost 100.  
Judge and print total cost for user.

**Task # 19: Develop a mark sheet application in java which fulfills the following requirements:**

**The program takes input from the user marks obtained in three subjects; JAVA, Data Structures and Operating Systems.**

• The program calculates the total marks obtained out of 300.

• Calculate the percentage.

• Display the grade secured according to the following:

90 > Grade: A

Between 90 and 80 Grade: B

Between 79 and 70 Grade: C

Between 69 and 60 Grade: D

Below 60 Grade: FAIL

Supply values at run time and print the address with the street on one line and the city, state, and postal code on the next line.

**Task # 20** Write a JAVA program that takes an uppercase character from the user and display its equivalent lower case character.

***Expected output***

***Upper case character ‘D’***

***Lower case character: ‘d’***

**Task # 21** Write a JAVA program, which takes three int values from the user, and print their addition and average.