**Flow Control Statement**

**Note : No need to use Scanner class instead of use static value.**

1. create a program where we will input marks for three subjects such as maths, chemistry, and physics. Then we will calculate the percentage of three subject marks and display “Grade A” if the percentage is greater than or equal to 85.
2. create a program to prompt the user to enter a number. If the number is divisible by 2, the program displays a message “number is divisible by 2”. Look at the source code to understand better.
3. create a program where we will take marks as input of five subjects and calculate the total marks, percentage, and grade. Look at the program source code.
4. Create a program where we will take a number as input from the user and check that number is even or odd.
5. write a program to check whether a number is divisible with another number or not. Print appropriate message.
6. create a java program to input a number and check whether it is a Buzz number or not. A number is said to be a buzz number when it ends with 7 or is divisible by 7.
7. create a program to input the total marks of 5 subjects and calculate percentage and Grade according to percentage using Java if-else-if ladder.
8. Create program where we will take the age of user as input and find whether he is a child, adult, or senior on the basis of age. Using Java if-else-if ladder statements.
9. Create program that uses a pair of nested for loops.
10. Create program where we will add the number from 1 to 10 using while loop and display the sum on the console.
11. Create program where we will display numbers from 1 to 6.
12. Create program based on do while statement where we will display the multiplication table.
13. Create program where we will display numbers from 1 to 5 and from 5 to 1.
14. Create program where we will calculate the sum of squares of integer numbers from 1 to 5 using for loop statement.
15. Create program where we will initialize two variables in for statement and will display numbers from 1 to 5 and 5 to 1 simultaneously.
16. Create program where we retrieve elements of an array one by one using for-each loop and display it on the console.
17. Create a program where we will calculate the sum of the first 10 numbers using enhanced for loop and display it on the console.
18. **where we will search an element from an array. If the element is found, it will stop.**
19. program based on switch statement where we will execute a particular task depending on city value. We will take a variable city, that is initialized to d.
20. program based on if and switch statements where we will take total marks of five subjects from students as input.Then, we will calculate the percentage of total marks, and display Grade based on the percentage.
21. create a program where we will not use break statements. It means that it will execute all statements after the first match.
22. Create program where we will use a break statement inside the for loop for breaking the loop. Look at the program source code.
23. Create program where we will use break statement with labeled for loop. We can use break with the label.
24. create a program where we will use break statement inside while loop.
25. Create a program and use continue statement in inner loop