20 – 12-2021

Conditional Statements -> if,else, else if,switch

Auto Increment and Auto Decrement

Int number = 1;

Number++;

Number --;

We have 2 types in auto increment

Pre increment (++number)

Post increment(number++)

Logical Operators( &&, ||, ==, !=)

Looping Statements

For loop

While loop

Do while

For loop

Syntax

1 2 4

For(initialization;condition;increment or decrement) {

3

}

For(int i=1; i < 11; i++ ) {

System.out.println(i);// 1,2,3,4,5,6,7,8,9,10

}

21-12-2021

Examples on for loop

Examples on nested for loops

Find the factorial for given number

WAP to achieve below output

22-12-2021

WAP to find given number is palindrome or not

121 -> 121 polindrome

123 -> 321 not palindrome

WAP to find given number is Abundant or not

12 -> 1+2+3+4+6

9 -> 1+3 = 4

15 -> 1+3+5 =

20 -> 1+2+4+5+10

18 -> 1+3+6+9

25 -> 1+5 = 6

6 -> 1+2+3 = 6

WAP to find given number is Arm Strong or not

153 -> 1\*1\*1+5\*5\*5+3\*3\*3 = 153

125 -> 1\*1\*1+2\*2\*2+5\*5\*5 = 134

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Triangle Stars Example

While Loop

Syntax:

Step 1 -> true it will go to loop otherwise it will exit from the loop

While(condition) {

Step 2

}

Int i = 1;

While( i <=10) {

System.out.println(i);

i++;

}