FEBRUARY 2019

Sun		3	10	17	24
Mon		4	11	18	25
Tue		5	12	19	26
Wed		6	13	20	27
Thu		7	14	21	28
Fri	1	8	15	22	
Sat	2	9	16	23	

MARCH 2019

Sun	31	3	10	17	24
Mon		4	11	18	25
Tue		5	12	19	26
Wed		6	13	20	27
Thu		7	14	21	28
Fri	1	8	15	22	29
Sat	2	9	16	23	30

February
'19 047-318 7TH WEEK

16
SATURDAY

Assignment - 4

1. Arithmetic Operators.

```java
class Assign {
    public static void main (String Args[]) {
        int num1 = 100, num2 = 20;
        int sum = num1 + num2;
        int sub = num1 - num2;
        int Multi = num1 * num2;
        int div = num1 / num2;
        int mod = num1 % num2;
        System.out.println(" Sum = " + sum);
        System.out.println(" Sub = " + sub);
        System.out.println(" multi = " + multi);
        System.out.println(" Div = " + div);
        System.out.println(" mod = " + mod);
    }
}
```

O/P

Sum = 120

Sub = 80

multi = 2000

Div = 5

mod = 0

18
February
MONDAY 049-316 '19
8TH WEEK

DECEMBER 2018

Sun	30	2	9	16	23
Mon	31	3	10	17	24
Tue		4	11	18	25
Wed		5	12	19	26
Thu		6	13	20	27
Fri		7	14	21	28
Sat	1	8	15	22	29

JANUARY

Arithmetic Assignment Operators :-

2. 08.00

```
Class Main {
    public static void main (String [] args)
        int  a = 4;
        int  var;
        var = a;
        System.out.println ("Var using = : " + var);
        var + = a;
        System.out.println ("var using + = : " + var);
        var * = a;
        System.out.println ("var using * = : " + var);
    }  }
```

<u>o/p</u>

```
var   using   = : 4
var   using + = : 8
var   using * = : 32 .
```

3. Relational Operators :-

```
class Main {
    public static void main (String [] args) {
    // create variable
        int a = 57,  b = 18;
System.out.println ("a is " + a + " and b is " + b);
System.out.println ( a == b);
System.out.println (a != b);        // ! = operator.
System.out.println (a > b);              >   ""
```

FEBRUARY 2019

	3	10	17	24
Sun	4	11	18	25
Mon	5	12	19	26
Tue	6	13	20	27
Wed	7	14	21	28
Thu	1	8	15	22
Fri	2	9	16	23
Sat				

MARCH 2019

Sun	31	3	10	17	24
Mon		4	11	18	25
Tue		5	12	19	26
Wed		6	13	20	27
Thu		7	14	21	28
Fri	1	8	15	22	29
Sat	2	9	16	23	30

February
'19   050-315
      8TH WEEK

19
TUESDAY

```java
        System.out.println (a <b);      // <
        System.out.println (a>=b);      //.  > = operator
        System.out.println ( a<=b);          < =
    } }
```

6/p

a is   57   and   b is   18

false
true
true
false
true
false.

4. Logical Operator :-

```java
class Main {
    public static void main (String [] args) {
        // && operator.
        System.out.println (( 8>2 )&& (7>3));
        System.out.println ((8>2)&& (7<3));
        //  || operator
        System.out.println (( 8<2) || (7>3));
        System.out.println ((8>3) || (7<5));
        System.out.println ((8<3) || (8<5));
        //  ! operator
        System.out.println ( ! (5==3));
        System.out.println (! (5>3));
    } }
```

20 February
WEDNESDAY 051-314 8TH WEEK '19

DECEMBER 2018

	Sun	30	2	9	16	23		Sun
	Mon	31	3	10	17	24		Mon
	Tue		4	11	18	25		Tue
	Wed		5	12	19	26		Wed
	Thu		6	13	20	27		Thu
	Fri		7	14	21	28		Fri
	Sat	1	8	15	22	29		Sat

O/P   True
      False
      True
      True
      False
      True
      False.

6|11

(B). [12] Age of Student is 18.

```
package operator;
public class Ternary Operator Ex {
    public static void main (String [] args) {
        int age = 34;
        String res = age > 18 ? Greater than : lesser than;
        System.out.println (res);
    }
}
```

Output :-

Greater than

FEBRUARY 2019

Sun	3	10	17	24
Mon	4	11	18	25
Tue	5	12	19	26
Wed	6	13	20	27
Thu	7	14	21	28
Fri	1	8	15	22
Sat	2	9	16	23

MARCH 2019

Sun	31	3	10	17	24
Mon		4	11	18	25
Tue		5	12	19	26
Wed		6	13	20	27
Thu		7	14	21	28
Fri	1	8	15	22	29
Sat	2	9	16	23	30

February
'19   052-313
8TH WEEK

21
THURSDAY

```java
import java.util.Scanner;
public class TernaryOperator Ex {
    public static void main (String [] args) {
        int num1, num2 = 100, num3 = 200;
        Scanner Scanner = new Scanner (System.in);
        System.out.println (" enter the value of num1: ");
        num1 = Scanner.nextInt ();
        if (num1 > num2 && num1 > num3)
        System.out.println (" Greater than 100 & 200");
        else
        System.out.println (" Lesser than 100 & 200");
    }
```

O/P :-

Enter the value of num1 : 300
        Greater than 100 & 200

Even or Add

```java
import java.util.Scanner;
public class Ternary Operator Ex {
    public static void main (String [] args) {
        int num1;
        Scanner Scanner = new Scanner (System.in);
        System.out.println (" enter the value of num1 ");
        num1 = Scanner.nextInt ();
```

22
February
FRIDAY 053-312 '19
8TH WEEK

DECEMBER 2018

	Sun	Mon	Tue	Wed	Thu	Fri	Sat

DECEMBER 2018
Sun 30 2 9 16 23
Mon 31 3 10 17 24
Tue 4 11 18 25
Wed 5 12 19 26
Thu 6 13 20 27
Fri 7 14 21 28
Sat 1 8 15 22 29

JANUARY
Sun
Mon
Tue 1
Wed 2
Thu 3
Fri 4
Sat 5

```java
if (num1 > 2 == 0)
System.out.println("Number is even" + num1);
else
System.out.println("Number is odd" + num1); }
}
```

O/p :-

Enter the value of num1 = 10
Number is Even.

9. 12 **Both numbers are Same or Not**

```java
import java.util.Scanner;
public class TernaryOperatorEx {
public static void main(String[]args){
int num1, num2;
Scanner Scanner = new Scanner(System.in);
System.out.println("Enter the value num1 & num2")
num1 = Scanner.nextInt();
num2 = Scanner.nextInt();
if(num1 == num2)
System.out.println("Same Number");
else
System.out.println("Numbers are not Same");
}
}
```

O/p :

num 1 = 10
num 2 = 12

Numbers are not Same.