Assignment 01

1. Write a Java program to print the product of two numbers.

   https://codeshare.io/bvOqzw

```java
package com.tecnotree.assignment;

public class Multiply {
    public static void main(String args[]) {
        int a=10;
        int b=20;
        int c=a*b;
        System.out.println("The product of two number is " + c);
    }

}
```

   Output:

```
The product of two number is 200
```

Assignment 01

2. Write a Java program to calculate the average of three numbers.

https://codeshare.io/ZJEk7d

```java
package com.tecnotree.assignment;

public class Average {
    public static void main(String args[]) {
        int a=10;
        int b=20;
        int c=30;
        double sum=a+b+c;
        System.out.println("the average of three number is " + sum/3);
    }

}
```

Output:

```
the average of three number is 20.0
```

Assignment 01

3. Write a Java program to check whether a given number is even or odd.

https://codeshare.io/X8EoBj

```java
package com.tecnotree.assignment;

public class EvenOdd {
    public static void main(String args[]) {
        int num=20;
        if(num % 2 == 0) {
         System.out.println("The number is even  ");
    }
        else {
            System.out.println("The number is odd ");
}
}
}
```

Output:

```
The number is even
```

Assignment 01

4. Write a Java program to check whether a given year is a leap year

https://codeshare.io/9OLxYV

```java
package com.tecnotree.assignment;

public class LeapYear {
    public static void main(String args[]) {
        int year =2024;
        int leap =0;

        if(year % 4 == 0) {
            if(year % 100 == 0) {
                if(year % 400 == 0) {
                    leap=1;
                }
                else
                    leap=0;
            }
            else
                leap=1;
        }
        else
            leap=0;

        if(leap==1)
            System.out.println( year + " is a leap year ");
        else
            System.out.println( year + " is not a leap year ");
    }
}
```

Output:

```
2024 is a leap year
```

Assignment 01

5. Write a Java program to print the ASCII value of a given character

```java
package com.tecnotree.assignment;

public class ASCIIValue {
    public static void main(String args[]) {
        char a='A';
        int b=a;
        System.out.println("the ASCII value of " +a+" is " +b);
    }


}
```

Output:

```
the ASCII value of A is 65
```

Assignment 01

6. Write a Java program to convert Celsius to Fahrenheit.

https://codeshare.io/DZEpvk

```java
package com.tecnotree.assignment;

public class CtoF {
    public static void main(String args[]) {
        int celsius =38;
        int farhenite=0;
        farhenite=(celsius*9/5)+2;
        System.out.println("From celsius to farhenite is " + farhenite);
    }

}
```

Output:

```
From celsius to farhenite is 70
```

Assignment 01

7. Write a Java program to find the maximum of two numbers

https://codeshare.io/WdEbP3

```java
package com.tecnotree.assignment;

public class MaxOfNum {
    public static void main(String args[]) {
        int a=20;
        int b=30;
        if(a > b) {
            System.out.println("a is maximum ");
        }
        else {
            System.out.println("b is maximum ");
        }
    }
}
```

Output:

```
b is maximum
```

Assignment 01

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