JAVA - TAN() METHOD

Description:

The method returns the tangent of the specified double value.

Syntax:

```
double tan(double d)
```

Parameters:

Here is the detail of parameters:

- **d** -- A double data type

Return Value:

- This method Returns the tangent of the specified double value.

Example:

```java
public class Test{

   public static void main(String args[]){
      double degrees = 45.0;
      double radians = Math.toRadians(degrees);

      System.out.format("The value of pi is %.4f%n", Math.PI);
      System.out.format("The tangent of %.1f degrees is %.4f%n",
                        degrees, Math.tan(radians));

   }
}
```

This produces the following result:

```
The value of pi is 3.1416
The tangent of 45.0 degrees is 1.0000
```