JAVA - ACOS() METHOD

Description:

The method returns the arccosine of the specified double value.

Syntax:

```
double acos(double d)
```

Parameters:

Here is the detail of parameters:

- **d** -- A double data types

Return Value:

- This method Returns the arccosine 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 arccosine of %.4f is %.4f degrees %n",
                     Math.cos(radians),
                     Math.toDegrees(Math.acos(Math.sin(radians))));


   }
}
```

This produces the following result:

```
The value of pi is 3.1416
The arccosine of 0.7071 is 45.0000 degrees
```