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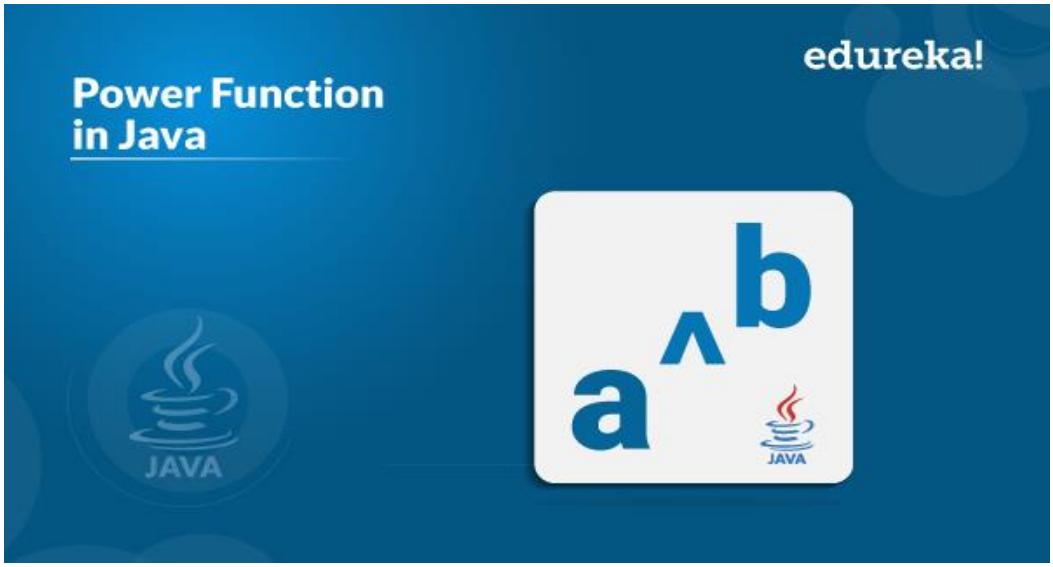
Kodnest

ASSIGNMENT

Usage of pow() present in math class?

pow() is an built-in method in Java Math class and is used to calculate the power of a given number. The power of a number refers to how many times to multiply the number with itself.



Example:

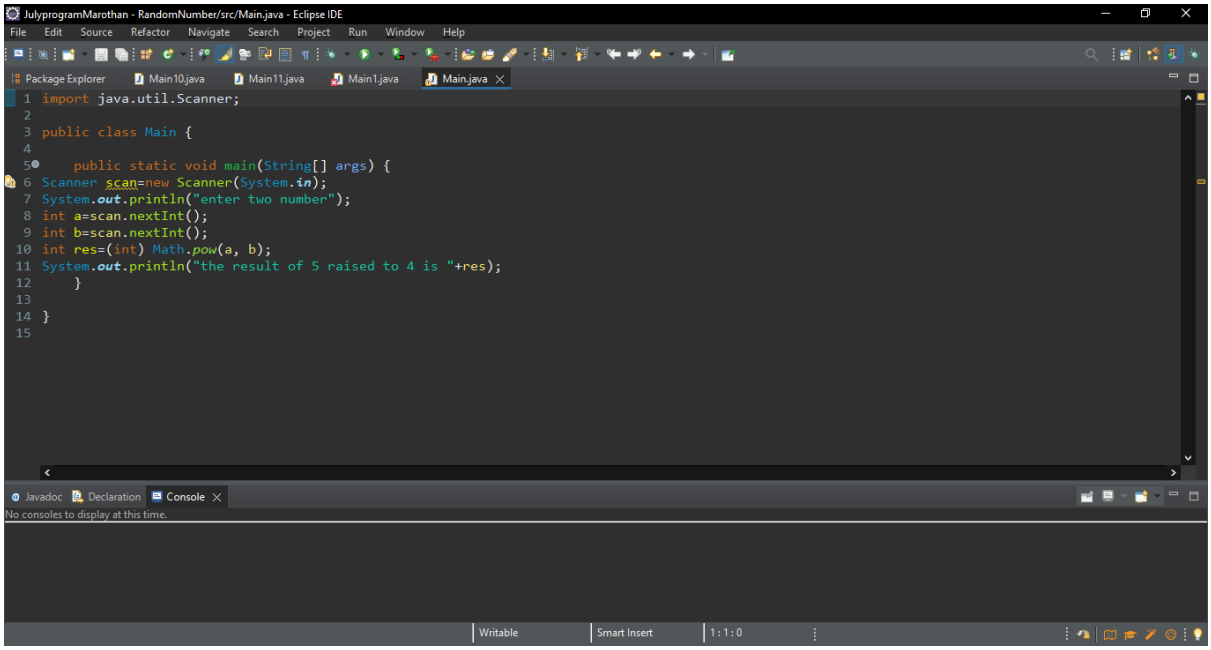


Fig: pow() in math

Complete description of random()?

The random() method returns a pseudorandom double type number greater than or equal to 0.0 and less than 1.0.

When this method is first called, it creates a single new pseudorandom-number generator, exactly as if by the expression new java.

Declaration:

Public static double random()

Example:

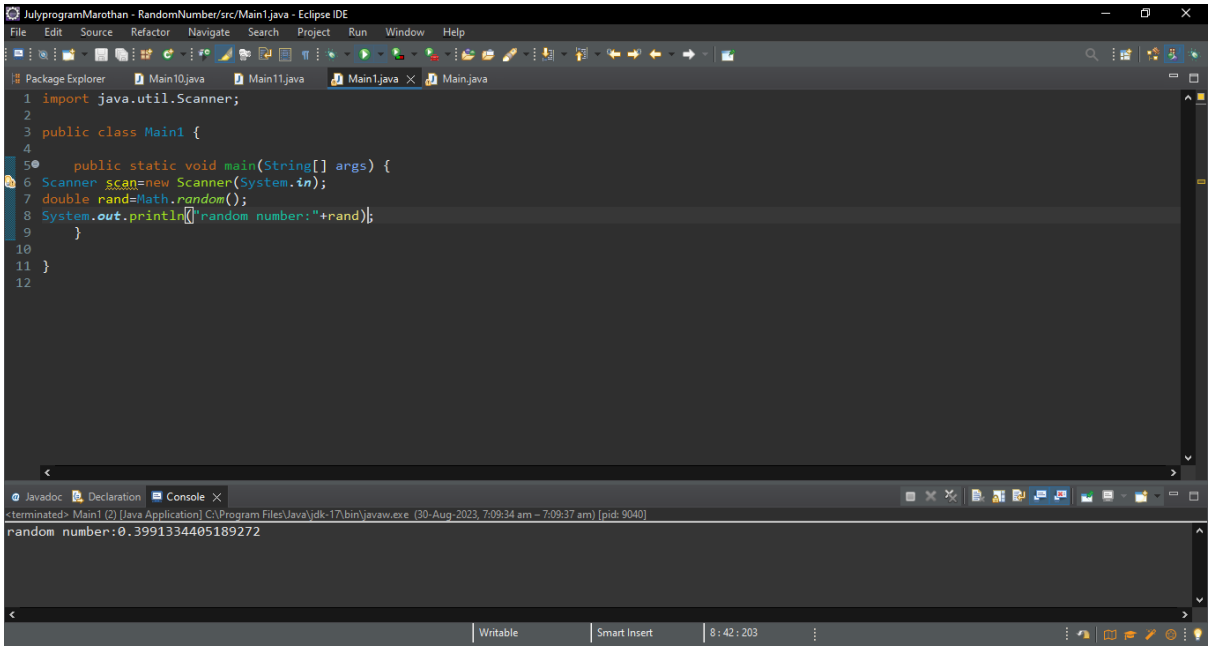


Fig: eg of random()

What is the use of random class?

Random class is part of java. util package. Random class is used to generate pseudo-random number in java. An instance of the class is thread-safe. The instance of this class is however cryptographically insecure.

This class provides various method calls to generate different random data types such as float, double ,int.

Declaration:

Public class Random

Extends object

Implements Serializable

Methods:

There are several methods like,

- Java. util. Random. double():
- Java. util. Random. ints():
- Java. util. Random. longs():
- Java. util. Random. nextBoolean():

Example:

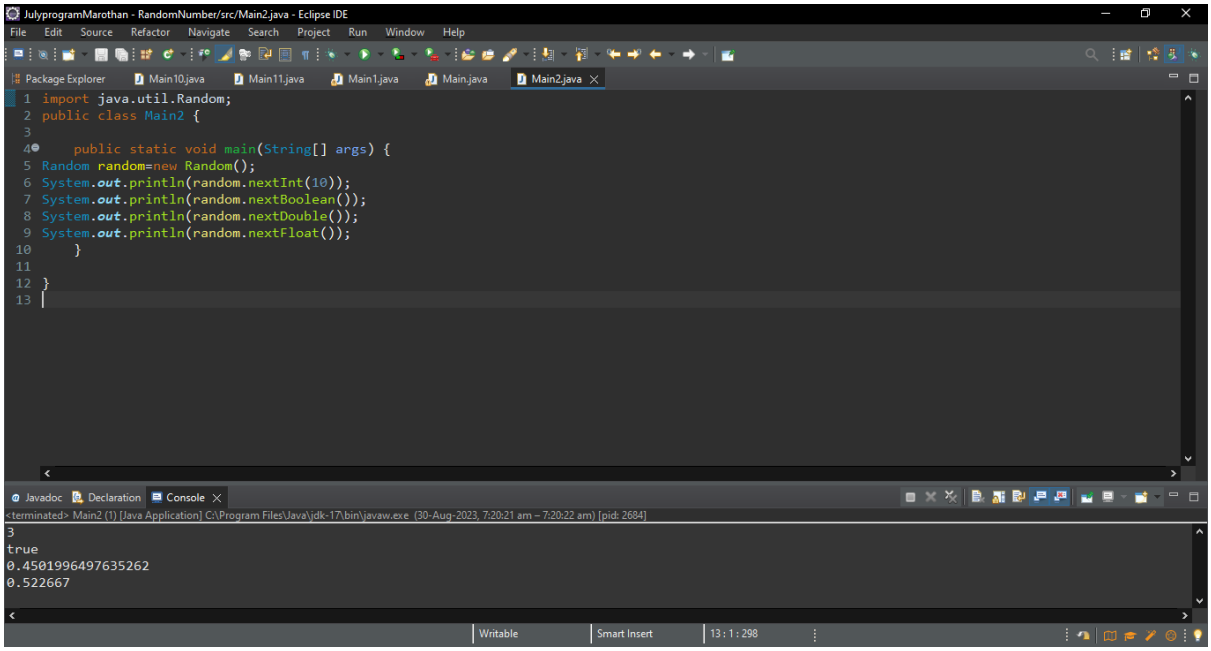


Fig: eg for Random package