```java
//Genesis Grant,  CW1 WEEK7
//Create a secure Java program that prompts the user for two numbers. You should use an
overloaded
// method called product that returns the product of the 2 numbers entered.
//
//If the user enters 2 integers your method should return an integer result.
// If the user enters 2 floating point (numbers with decimals) your program should return
a value of type double.
import java.util.*;

public class Main {

    static Scanner input = new Scanner(System.in);

    public static void main(String[] args) {

        //Declaring variables
        int num1, num2;

        System.out.println("Please enter your first number: ");
        num1 = input.nextInt();

        System.out.println("Please enter your second number: ");
        num2 = input.nextInt();

        System.out.println("The product of your two numbers is " + product(num1, num2));



    }



    //Product function declared here (multiplies then returns)
    public static int product(int x, int y){

        int result = x * y; //Will multiply x and y
        return result;
    }

    //Method that returns product but in double
    public static double product(double x, double y){
        double result = x* y;
        return result;
    }
}
```