import java.util.Scanner;

//Written by: Nick Lewandowski

//Program states the formula for the general formula of computing Pi, then shows the result of this formula

public class ApproximatingPi {

public static void main(String [ ] args) {

double a, b, c, d, e, f, g, h,i, result;

a = 4;

b = 1.0;

c = 1;

d = (c/3);

e = (c/5);

f = (c/7);

g = (c/9);

h = (c/11);

i = (c/13);

result = (b-d+e-f+g-h+i);

Scanner input = new Scanner(System.in);

System.out.println("Pi can be computed using a general formula: 4 \* (1.0 - 1/3 + 1/5 - 1/7 + 1/9 - 1/11 + 1/13 - ...");

System.out.print("The result of this formula is: " + (a \* result));

}

}

"C:\Program Files\Java\jdk-9.0.4\bin\java" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2017.3.4\lib\idea\_rt.jar=52986:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2017.3.4\bin" -Dfile.encoding=UTF-8 -classpath D:\School\Programming\Project3\out\production\Project3 ApproximatingPi

Pi can be computed using a general formula: 4 \* (1.0 - 1/3 + 1/5 - 1/7 + 1/9 - 1/11 + 1/13 - ...

The result of this formula is: 3.2837384837384844

Process finished with exit code 0