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\* Class:RadiusOfCircle Ex7.Prj Pg.7.3 Author: Yin Linhai

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\* This program solves for the radius of a circle after being given the area

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\* School:Sir Winston Churchill High School, Calgary, Alberta, Canada

\* Language: Java SE 7.0Target Operating System: Java Virtual Machine

\* System:Intel Celeron 3GHz running under Windows 7 IDE: Eclipse 4.2

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**import** java.util.Scanner;

**public** **class** RadiusOfCircle {

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\* **@param** args

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**public** **static** **void** main(String[] args) {

//initialize variable

**double** area, radius;

//initialize scanner

Scanner scan = **new** Scanner(System.*in*);

//asking the question

System.*out*.println("What is the area?\_");

//asking scanner to listen and interpret as double

area = scan.nextDouble();

//declaring radius

radius = Math.*sqrt*(area/Math.*PI*);

//printing answer

System.*out*.println("Radius of your circle is" + radius);

}

}

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