public class Sphere {

//Scanner keyboard = new Scanner (System.in);

int x,y,z;

double r;

public void sphereX () {

System.out.println("The X coordinate is " + x);

}

void sphereY () {

System.out.println("The Y coordinate is " + y);

}

void sphereZ () {

System.out.println ("The Z coordinate is " + z);

}

void sphereRadius () {

System.out.println ("The radius is " + r);

}

void sphereVolume () {

System.out.println ("The volume is " + ((4 \* Math.PI \* Math.pow(r,3) ) / 3));

}

void sphereSurfaceArea () {

System.out.println ("The surface area is " + (4 \* Math.PI \* Math.pow(r, 2)));

}

void setSphereX () {

System.out.println ("What would you like the X coordinate to be?");

//x = keyboard.nextInt();

System.out.println("The X coordinate is now " + x);

}

void setSphereY () {

System.out.println ("What would you like the Y coordinate to be?");

//y = keyboard.nextInt();

System.out.println("The Y coordinate is now " + y);

}

void setSphereZ () {

System.out.println ("What would you like the Z coordinate to be?");

//z = keyboard.nextInt();

System.out.println("The Y coordinate is now " + z);

}

void setSphereRadius () {

System.out.println ("What would you like the radius to be?");

//r = keyboard.nextDouble();

System.out.println("The radius is now " + r);

}

}

public class SphereTester {

public static void main(String args[]) {

//Scanner keyboard = new Scanner(System.in);

Sphere s = new Sphere();

s.x = 355;

s.y = 525;

s.z = 455;

s.r = 2000;

System.out.println("Here is a Sphere.");

s.sphereX();

s.sphereY();

s.sphereZ();

s.sphereRadius();

s.sphereVolume();

s.sphereSurfaceArea();

/\* System.out.println("Would you like to change the coordinates and radius of this sphere?");

String answer = keyboard.nextLine();

System.out.println("You answered " + answer);

if (answer.equals("yes")) {

s.setSphereX();

s.setSphereY();

s.setSphereZ();

s.setSphereRadius();

System.out.println("sphere!");

}

else

System.out.println("Never mind then.");\*/

System.exit(0);

}

}

OUTPUT

run:

Here is a Sphere.

The X coordinate is 355

The Y coordinate is 525

The Z coordinate is 455

The radius is 2000.0

The volume is 3.3510321638291126E10

The surface area is 5.026548245743669E7

BUILD SUCCESSFUL (total time: 0 seconds)