**package** university;

**import** javax.swing.JOptionPane;

**public** **class** university {

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

{

String name;

**int** student;

**double** tuition=0;

name=*get\_name*();

student=*studentin*();

tuition=*compute*(student);

*final\_print*(name,student,tuition);

System.*exit*(0);

}

// This method reads in the name of a University and passes it back.

**public** **static** String get\_name()

{

String name;

name=JOptionPane.*showInputDialog*(**null**,"Enter the name of a university: ",

"Input Data",JOptionPane.***QUESTION\_MESSAGE***);

**return** name;

}

// This method reads in the number of students enrolled and passes it back.

**public** **static** **int** studentin()

{

String data;

**int** student;

data=JOptionPane.*showInputDialog*(**null**,"Enter the number of students enrolled: ",

"Input Data",JOptionPane.***QUESTION\_MESSAGE***);

student=Integer.*parseInt*(data);

**return** student;

}

// This method calculates the tuition as 20000 times the number of students and passes it back.

**public** **static** **double** compute(**int** student)

{

**double** tuition;

tuition = 20000\*student;

**return** tuition;

}

// This method prints the name of the University, the number of students enrolled, and the total tuition.

**public** **static** **void** final\_print(String name, **int** student,**double** tuition)

{

System.***out***.println("The name of the University: "+name+"\n");

System.***out***.println("The total number of students enrolled: "+student+"\n");

System.***out***.println("The tuition: "+tuition);

}

}

