1 point		
	1.	What is the perimeter of the shape made from the file <b>datatest4.txt</b> whose contents are shown below (just give to two decimal places)?
μοιτικ		-3, 9
		-8, 7
		-12, 4
		-6, -2
		-4, -6
		2, -8
		6, -5
		10, -3
		8, 5
		4, 8
		59.45
1 point	2.	What is the average length of a side in the shape made from the file <b>datatest1.txt</b> whose contents are shown below (just give to two decimal places)?
		-3,3
		-4,-3
		4,-2
		6,5
		3.99
1	3.	What is the longest side in the shape made from the file <b>datatest1.txt</b> whose contents
point		are shown below (just give to two decimal places)?
		-3,3
		-4,-3
		4,-2
		6,5
		12.80
1 point	4.	What is the largest perimeter of a shape made from the shapes in files <b>example1.txt</b> , <b>example2.txt</b> , <b>example3.txt</b> and <b>example4.txt</b> (just give to two decimal places)?
		28.84
		20.04
1	5.	What is the name of the file that has the shape with the largest perimeter from the six
point		files dataset1.txt, dataset2.txt, dataset3.txt, dataset4.txt, dataset5.txt, and dataset6.txt?
		dataset1.txt
		dataset2.txt
		dataset3.txt
		dataset4.txt
		dataset5.txt
		dataset6.txt
1	6.	The method getNumPoints returns the number of points in a Shape s.
point		Which one of the following is NOT a correct implementation of getNumPoints?
		1 - public int getNumPoints (Shape s) {
		<pre>2 int count = 0; 3 = for (Point p : s.getPoints()) { 4  int newPoint = 1;</pre>
		5 count = count + newPoint; 6 }
		6 } 7 return count; 8 }
		<pre>6  } 7  return count; 8  }  1  public int getNumPoints (Shape s) { 2  int count = 0; 3  int newPoint = 1;</pre>
		<pre>1    return count;      public int getNumPoints (Shape s) {         int count = 0;         int newPoint = 1;         for (Point p : s.getPoints()) {             count = count + newPoint;         } }</pre>
		<pre>1    return count; 8 }  1    public int getNumPoints (Shape s) { 2    int count = 0; 3    int newPoint = 1; 4    for (Point p : s.getPoints()) { 5       count = count + newPoint; 6    } 7    return count;</pre>
		<pre>1    return count; 8  }  1    return count; 8  }  1    public int getNumPoints (Shape s) { 2    int count = 0; 3    int newPoint = 1; 4    for (Point p : s.getPoints()) { 5       count = count + newPoint; 6    } 7    return count; 8  }</pre>
		<pre>6  } 7  return count; 8 }  1  public int getNumPoints (Shape s) { 2  int count = 0; 3  int newPoint = 1; 4  for (Point p : s.getPoints()) { 5   count = count + newPoint; 6  } 7  return count; 8 }  1  public int getNumPoints (Shape s) { 2  int count = 0;</pre>
		<pre>6  } 7  return count; 8 }  1  public int getNumPoints (Shape s) { 2   int count = 0; 3   int newPoint = 1; 4  for (Point p : s.getPoints()) { 5    count = count + newPoint; 6  } 7  return count; 8 }</pre>
		<pre>6  } 7  return count; 8 }  1  public int getNumPoints (Shape s) { 2   int count = 0; 3   int newPoint = 1; 4  for (Point p : s.getPoints()) { 5     count = count + newPoint; 6  } 7  return count; 8 }  1  public int getNumPoints (Shape s) { 2   int count = 0; 3  for (Point p : s.getPoints()) { 4   count = count + 1;</pre>
		<pre>6  } 7  return count; 8 }  1  public int getNumPoints (Shape s) { 2   int count = 0; 3   int newPoint = 1; 4  for (Point p : s.getPoints()) { 5     count = count + newPoint; 6  } 7  return count; 8 }  1  public int getNumPoints (Shape s) { 2   int count = 0; 3  for (Point p : s.getPoints()) { 4     count = count + 1; 5  } 6  return count; 7 }</pre>
		<pre>6  } 7  return count; 8 }  1  public int getNumPoints (Shape s) { 2  int count = 0; 3  int newPoint = 1; 4  for (Point p : s.getPoints()) { 5   count = count + newPoint; 6  } 7  return count; 8 }  1  public int getNumPoints (Shape s) { 2  int count = 0; 3  for (Point p : s.getPoints()) { 4   count = count + 1; 5  } 6  return count;</pre>
		<pre>1</pre>
		<pre>6  } 7  return count; 8  }  1 * public int getNumPoints (Shape s) { 2  int count = 0; 3  int newPoint = 1; 4 * for (Point p : s.getPoints()) { 5   count = count + newPoint; 6  } 7  return count; 8  }  1 * public int getNumPoints (Shape s) { 2  int count = 0; 3 * for (Point p : s.getPoints()) { 4   count = count + 1; 5  } 6  return count; 7  }  1 * public int getNumPoints (Shape s) { 2  int count = 0; 7  }  1 * public int getNumPoints (Shape s) { 4   count = count + 1; 5  } 6  return count; 7 }  1 * public int getNumPoints (Shape s) { 2  int count = 0; 3 * for (Point p : s.getPoints()) { 4   count = count + count; }</pre>
		<pre>1</pre>
1	7	<pre>1</pre>
1 point	7.	<pre>1    public int getNumPoints (Shape s) { 2       int count = 0; 3       int newPoint = 1; 4       for (Point p : s.getPoints()) { 5            count = count + newPoint; 6       } 7       return count; 8    }  1    public int getNumPoints (Shape s) { 2       int count = 0; 3       for (Point p : s.getPoints()) { 4            count = count + 1; 5       } 6       return count; 7    }  1    public int getNumPoints (Shape s) { 4            count = 0; 7       }  1       public int getNumPoints (Shape s) { 5            return count; 7       }  1       public int getNumPoints (Shape s) { 6             return count; 7       }  1       public int getNumPoints (Shape s) { 7             return count; 9</pre>
	7.	<pre>1</pre>
	7.	<pre>6  } 7  return count; 8 }  1  return count; 8 }  1  return count; 2  int count = 0; 3  int newPoint = 1; 4  for (Point p : s.getPoints()) { 5     count = count + newPoint; 6  } 7  return count; 8 }  1  return count; 8 }  1  return count; 9  int count = 0; 3  for (Point p : s.getPoints()) { 4     count = count + 1; 5  } 6  return count; 7 }  1  return count; 7 }  1  return count; 7 }  Consider the following code for the function mysteryShape that has one parameter a Shape s and calls the function getNumPoints from the assignment.  1  return count; 7 }  Consider the following code for the function mysteryShape that has one parameter a Shape s and calls the function getNumPoints from the assignment.  1  return count mysteryShape (Shape s) { 2     double tmp = 0; 3  return count p : s.getPoints()) { 4     double tmp = 0; 3  return count p : s.getPoints()) { 4     double tmp = 0; 3  return count p : s.getPoints()) { 5     double tmp = 0; 6     double tmp = 0; 7  } 7 } </pre>
	7.	<pre>6</pre>
	7.	<pre>6</pre>
	7.	<pre>6</pre>
	7.	<pre>1</pre>
	7.	<pre>1</pre>

- positive X or a negative Y.
- The function computes the **percentage** of those points from the Shape s that have a **positive X** or a **negative Y**.
- The function computes the **sum** of those points from the Shape s that have a **positive X** and a **negative** Y.
- The function computes the **percentage** of those points from the Shape s that have a **positive X** and a **negative Y**.

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