

Solution Quiz 8 (a)

Name: _____

ID: _____

Q1. Write output of the code?

(5 Points)

<pre>File file=new File("marks.txt"); Scanner in=new Scanner(file); while (in.hasNext()){ ?ln(in.next()+" List of passed courses"); count=in.nextInt(); for (i=1, j=10;i<=count;i++, j++){ n=in.nextInt(); if (n<50) ?ln(n+20+" "); } System.out.println(j); }</pre>	<p>marks.txt</p> <p>Haris 5 56 68 41 78 24</p> <p>Saqib 6 76 18 81 68 34 42</p> <p>Output:</p> <p>Haris List of passed courses</p> <p>61</p> <p>44</p> <p>15</p> <p>Saqib List of passed courses</p> <p>38</p> <p>54</p> <p>62</p> <p>15</p>
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Q2. Complete code to read file and print results. Number on top shows number of questions. A question has operator followed by two operands. (5 Points)

<pre>File file=new File("questions.txt"); Scanner in=new Scanner(file); count=in.nextInt(); int i, n1, n2; String op; for (i=1;i<=count;i++){ op=in.next(); n1=in.next(); n2=in.next(); if (op.equals("+")) ?(n1+n2); else if (op.equals("-")) ?(n1-n2); else if (op.equals("*")) ?(n1*n2); else ?(n1/n2); }</pre>	<p>5</p> <p>+ 2 3 - 5 3 * 2 4 / 8 4 * 3 2</p>
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By virtue of my creator I have not did any cheating solving this quiz _____

(Signature)

Solution Quiz 8 (b)

Name: _____

ID: _____

Q1. Write output of the code?

(5 Points)

<pre>File file=new File("points.txt"); Scanner in=new Scanner(file); while (in.hasNext()){ ?ln(in.next()+"count of positive points"); for (i=1, count=0;i<=5;i++){ n1=in.nextInt(); n2=in.nextInt(); if (n1<0 n2<0) count++; } System.out.println("Count:"+count); }</pre>	<p>points.txt</p> <p>A 5 3 -2 4 6 8 4 -7 5 4</p> <p>B 5 -3 2 4 -6 8 4 7 5 -4</p> <p>Output:</p> <p>A count of positive points</p> <p>Count: 2</p> <p>B count of positive points</p> <p>Count: 3</p>
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Q2. Complete code to read file and print results. Number on top shows number of questions. A question has operand followed by operator followed by another operand. (5 Points)

<pre>File file=new File("questions.txt"); Scanner in=new Scanner(file); count=in.nextInt(); int i, n1, n2; String op; for (i=1;i<=count;i++){ n1=in.next(); op=in.next(); n2=in.next(); if (op.equals("+")) ?(n1+n2); else if (op.equals("-")) ?(n1-n2); else if (op.equals("*")) ?(n1*n2); else ?(n1/n2); }</pre>	<p>5</p> <p>2 + 3 5 - 3 2 * 4 8 / 4 3 * 2</p>
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(Signature)