CompSci 1, Fall 2005, Midterm Bonus

Name	Login	Lab Section	
Signature acknowledging Duke Con	nmunity Standard		
Resources used:			
Hours worked:			

Points earned on these problems will be counted toward your Midterm score. It's not possible to earn more than 100% on a test.

You may use your books and notes in solving these problems. You may not use the Internet, you may not use Eclipse, and you may not talk to anyone. For questions, please use the discussion forum for clarifications/issues.

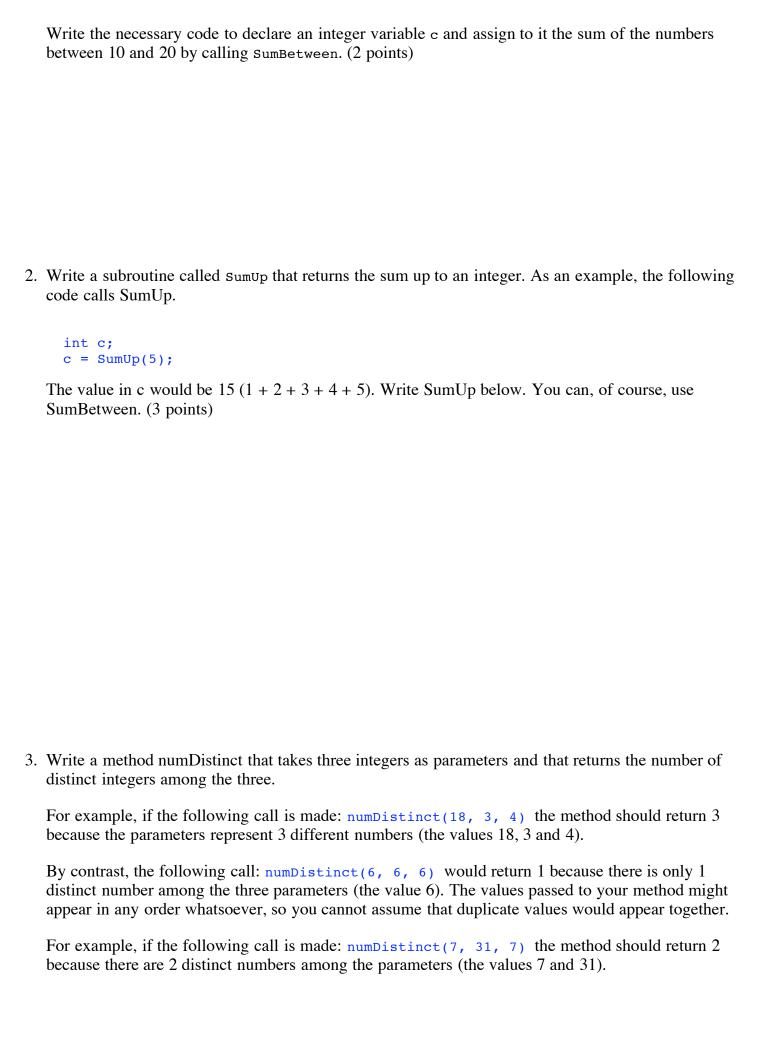
You must turn in your work on paper in class. Indicate how many hours you worked on the problem and what resources (book, notes) you consulted in doing the problems. Your submission of the work with your signature indicates your adherence to the Duke Community Standard.

You may also turn in hard-copy rather than submitting your work. No submissions, hard-copy or electronic, will be counted if received after 2:20pm on Friday, October 14.

1. The following subroutine returns the sum of the numbers between two integers (inclusive).

```
public int SumBetween(int begin, int end)
{
  int sum = 0;
  int k = begin;

  while (k <= end)
  {
    sum = sum + k;
    k = k + 1;
  }
  return sum;
}</pre>
```



Write your solution to numDistinct below. (5 points)