

Essex County College — Division of Mathematics and Physics  
Worksheet #3<sup>1</sup> — Printed June 25, 2005

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

The following questions are related to the website:

<http://birthday-surprise.blogspot.com/>

And the another website for random numbers:

<http://www.random.org/nform.html>

1. You'll need to generate twenty-three random integers from the range of 1 to 3,333,239. Generally, generating random numbers is quite difficult, but a good source can be obtained at random.org's web site, just use the provided URL above.
2. Now you'll need to look up the birth dates for each of the twenty-three sampled above.
3. Is there two, or more, people selected with the same birth date?

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<sup>1</sup>This document was prepared by Ron Bannon using L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub>. Source and pdf are available by emailing a request to [rbannon@mac.com](mailto:rbannon@mac.com).