MTH 122 — Calculus II
Essex County College — Division of Mathematics and Physics[1]
Project #1 — Sakai Web Project Material

Name: _____

Signature: _____

The following question is worth ten points total, and will be added to your quiz grades. Only correct answers will be accepted. Due date will be announce in class.[2]

Evaluate[3]

$$\int \frac{1}{x^7 - x} \ \mathrm{d}x.$$

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[1]This document was prepared by Ron Bannon (`ron.bannon@mathography.org`) using LaTeX 2_ε. Last revised February 13, 2009.

[2]Project questions are assigned on occasion, and have strict due dates that must be adhered to.

[3]The straightforward approach would be to start with partial fractions, but that would be *brutal*. **Hint:** Try a substitution, I used $u =$? and it worked like a *charm*.