Final Project
“No-Number Lottery”
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ISE-582

aludra.usc.edu/auto/home-scf-00/alaei/public_html/ise582/
http://www-scf.usc.edu/~alaei/

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California
No-Number Lottery

• **The Application Area:**
  – 5 fields: Male, Female, Place, Time, Verbal
  – Each field with one choice list
  – Each field subclass of Lotto
  – Each field associated with a field Data
  – Lotto subclass of LottoApp
  – Each field’s object with a description or picture or music, depending on the object
No-Number Lottery

• How It Works
  – One name or phrase is selected from each field by user
  – One name or phrase will be selected from each field by computer (random)
  – Scores are calculated:
    • If only one selected field matches, points = 1
    • If two selected fields match, points = 2 x 2 = 4
    • If three selected fields match, points = 3 x 3 = 9
    • If four selected fields match, points = 4 x 4 = 16
    • If all five selected fields match, points = (5 x 5) x 2 = 50

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• Field Criteria
  – Male: Sherlock Holmes, Harry Potter
  – Female: Cleopatra, Mona Lisa
  – Place: On the moon, at Michael Jackson’s show
  – Time: in the resurrection, in the Stone Ages
  – Verbal: Subscribe to “People Magazine”, play with their scooters
No-Number Lottery

• **Advantages**
  – Fun for children to adults
  – Challenging
  – Entertaining
  – Educational
  – Commercial

• **Sample**
  – *Sherlock Holmes and Cleopatra play with their scooters on the moon at the resurrection.*