CSC 172

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\* Lab time: MW 615-730

\* Lab number: Lab3Combinatorics

dhcp-10-4-12-44:src maxing$ javac Main.java

dhcp-10-4-12-44:src maxing$ java Main

Count the number of anagrams of the following words (a) error (b) street (c) allele (d) Mississippi.

(a) 20.0

(b) 180.0

(a) 60.0

(d) 34650.0

How many ways can we distribute (a) six apples to four children (b) four apples to six children.

(a) 504.0

(b) 15120.0

How many ways can we distribute (a) six apples and three pears to five children (b) two apples, five pears and six bananas to three children.

(a) 60059.99999999999

(b) 7.9814109375E7