

CPSC 231 Tutorial #12

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Reminders

TOMORROW

Assignment 3 Paired Component

NEXT TUESDAY

Quiz 5/6 Review

Quiz 7

OCTOBER 25

Alberta Collegiate Programming Contest (ACPC) Signup Deadline

*Sign up for **Division 2** since you haven't taken CPSC 319/331*

Trading Card Collector

How many cards do you need to collect before getting at least one copy of each?

INPUT

Integer n , the number of unique cards available

OUTPUT

Number of cards collected to obtain one of each available

CHALLENGE

Find the average amount of cards you need to collect before obtaining at least one copy of each (Recall Assignment 2)

Sieve of Eratosthenes

INPUT

An integer n

OUTPUT

The number of prime numbers $\leq n$

Badminton

A badminton team consisting of 5 groups (MS, MD, WS, WD, MD) each play 5 games. Find the average points per team, average points per game number, and sort the teams from highest average to lowest.