Name - ID Design and Analysis of Algorithms CPSC 413 Winter 2020 Department of Computer Science University of Calgary

January 15, 2020

#### PROBLEM SET #[1]

### **GROUP MEMBERS:**

John von Neumann

Donald Knuth

Euclid of Alexandria

### SOURCES USED:

https://math.stackexchange.com/questions/2082706

Art of Computer Programming Vol 2 p.101-107

 $\operatorname{etc}$ 

 $\operatorname{etc}$ 

 $\operatorname{etc}$ 

 $\operatorname{etc}$ 

# **Problem** 1. [Solving World Hunger]

Your answer here.

How about some math:  $a \equiv b \pmod{n}$ .

Or you can display math:

$$\frac{n!}{k!(n-k)!} = \binom{n}{k} \tag{1-1}$$

If you don't like the equation numbers:

$$\sum_{i=1}^n i = rac{n(n+1)}{2}$$

 $\longrightarrow \mathcal{A}\mathsf{nswer}$ 

# **Problem** 2. [Desirable properties in crypto software]

Let's list some:

- Efficient
- Secure
- User friendly
- . . .

 $\longrightarrow \mathcal{A}\mathsf{nswer}$ 

Submitted by Name - ID on January 15, 2020.

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