

# IST 230 - Survey Analysis

Section 3, Group 1

Matthew Gorbsky  
Geoffrey MacGill  
Janet Montgomery  
Adam Zolyak

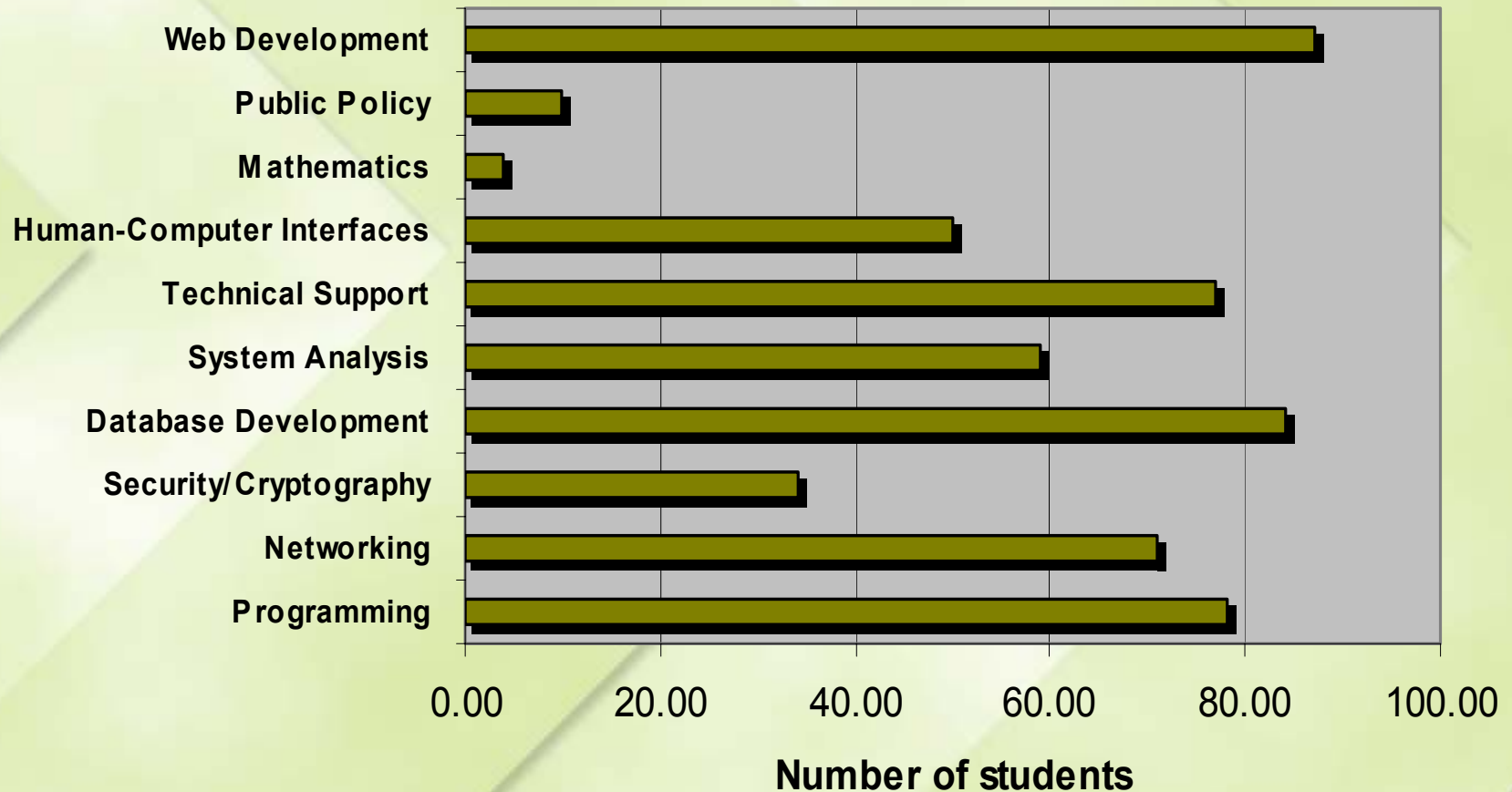


# Introduction

- Worked with two groups from Section 2
- Sub-Teams
  - Survey Development Team
  - Distribution Team
  - Analysis Team
- Online Survey
- Data Collection
- Data Analysis

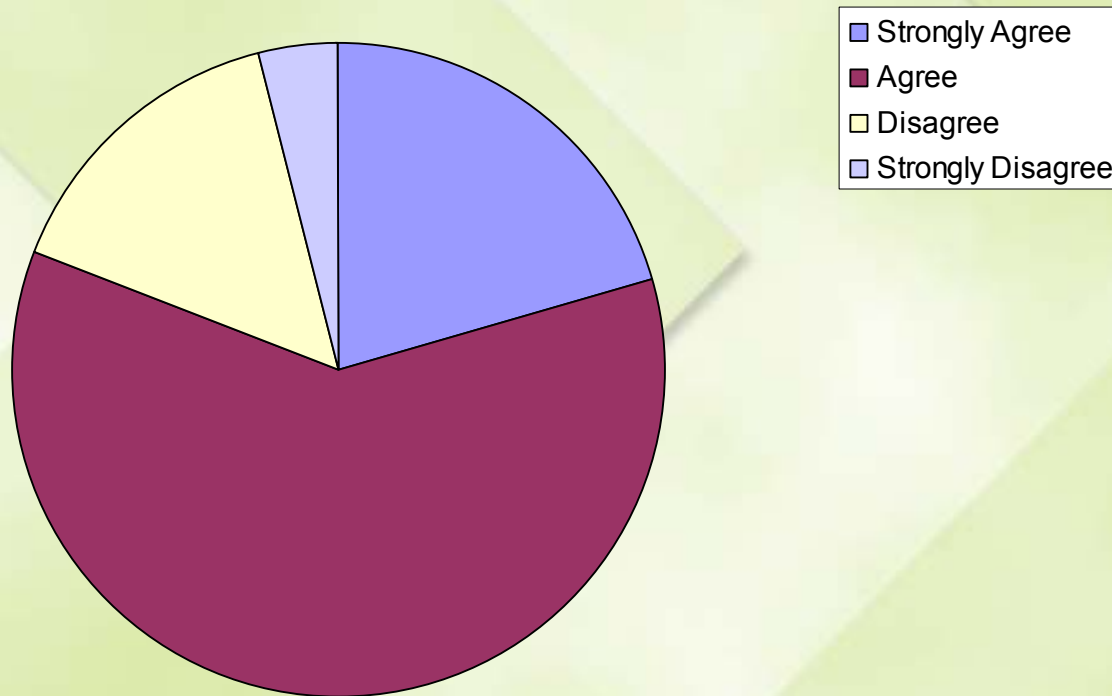
# Survey Results

## Skills in Internship



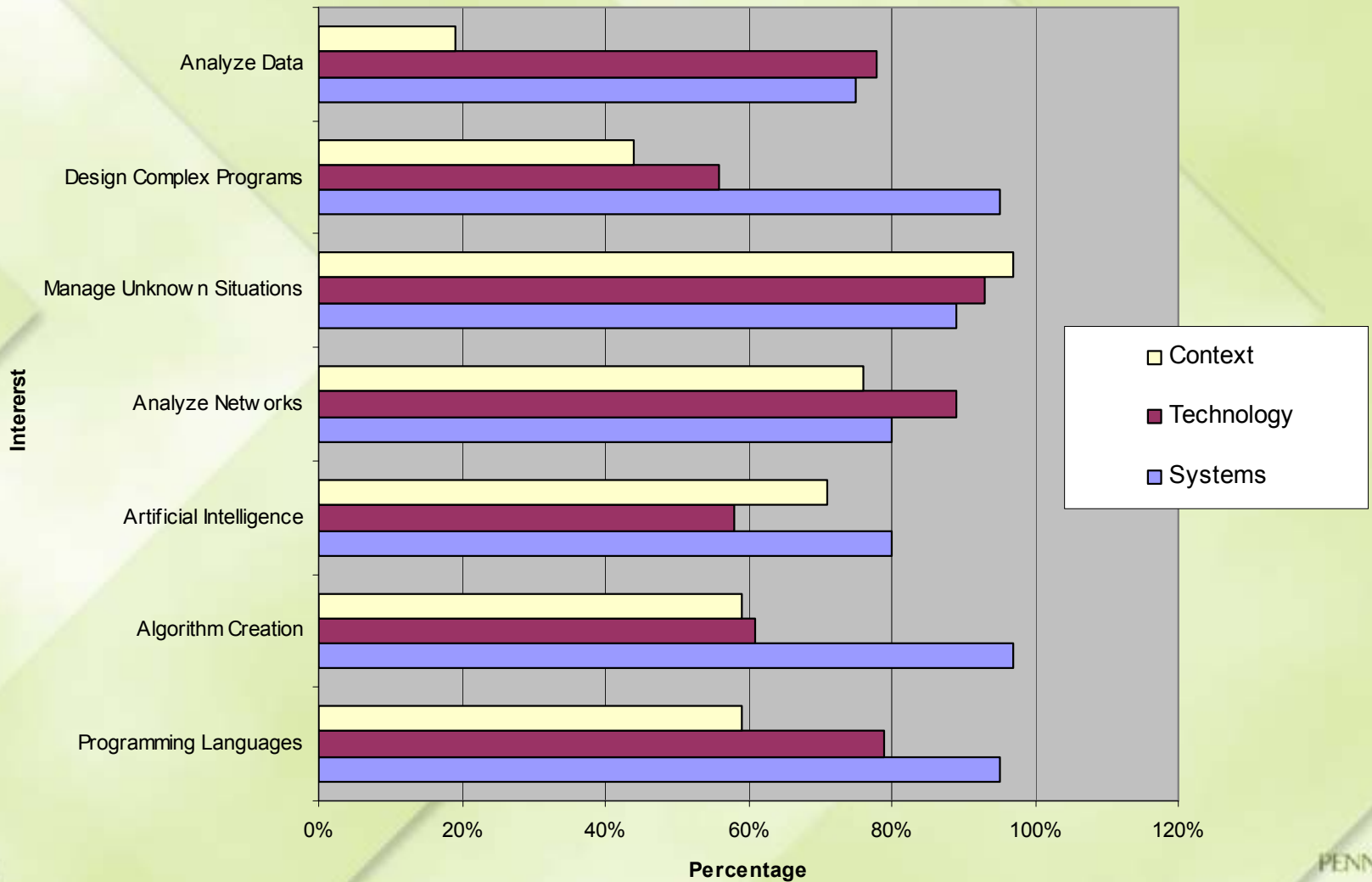
# Survey Results

## PBL Aiding Understanding of Concepts (Those who have had PBL)



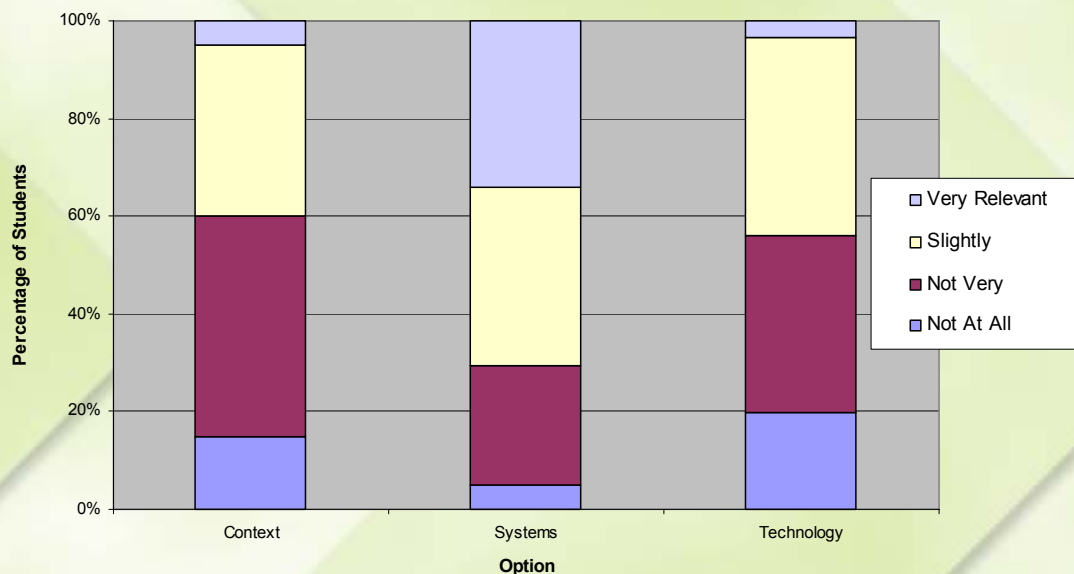
# Survey Results

IST Option vs Areas of Interest

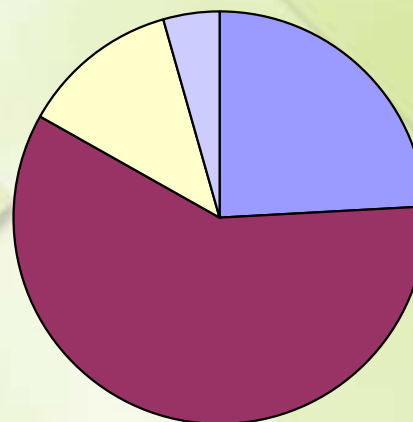


# Survey Results

## Option vs Relevancy of Discrete Math To Career Goals After Completion



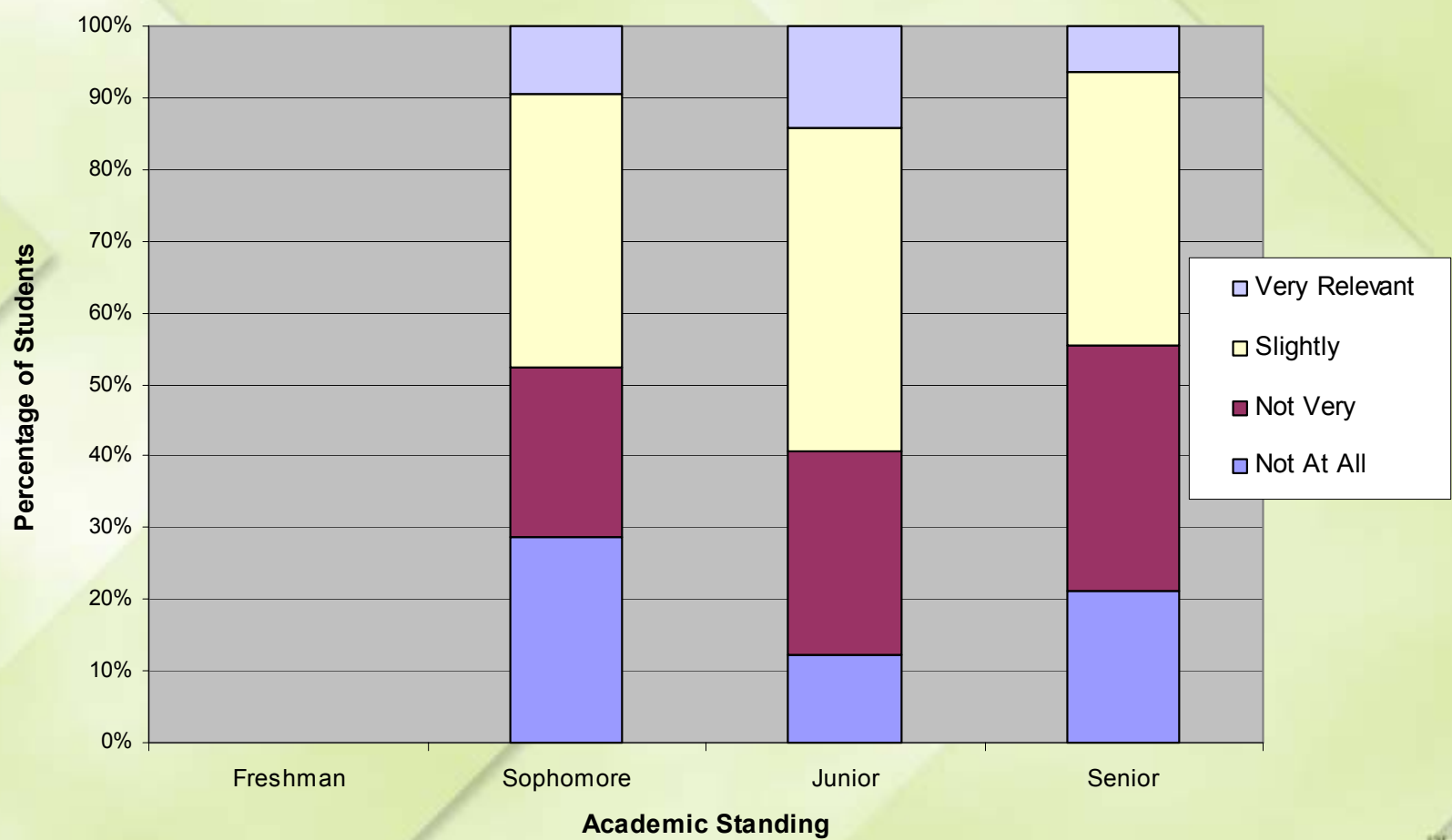
## IST Option Composition



- Information Systems: Design and Development
- Information Technology: Integration and Application
- Information Context: People, Organizations, and Public Policy
- Non-IST Major

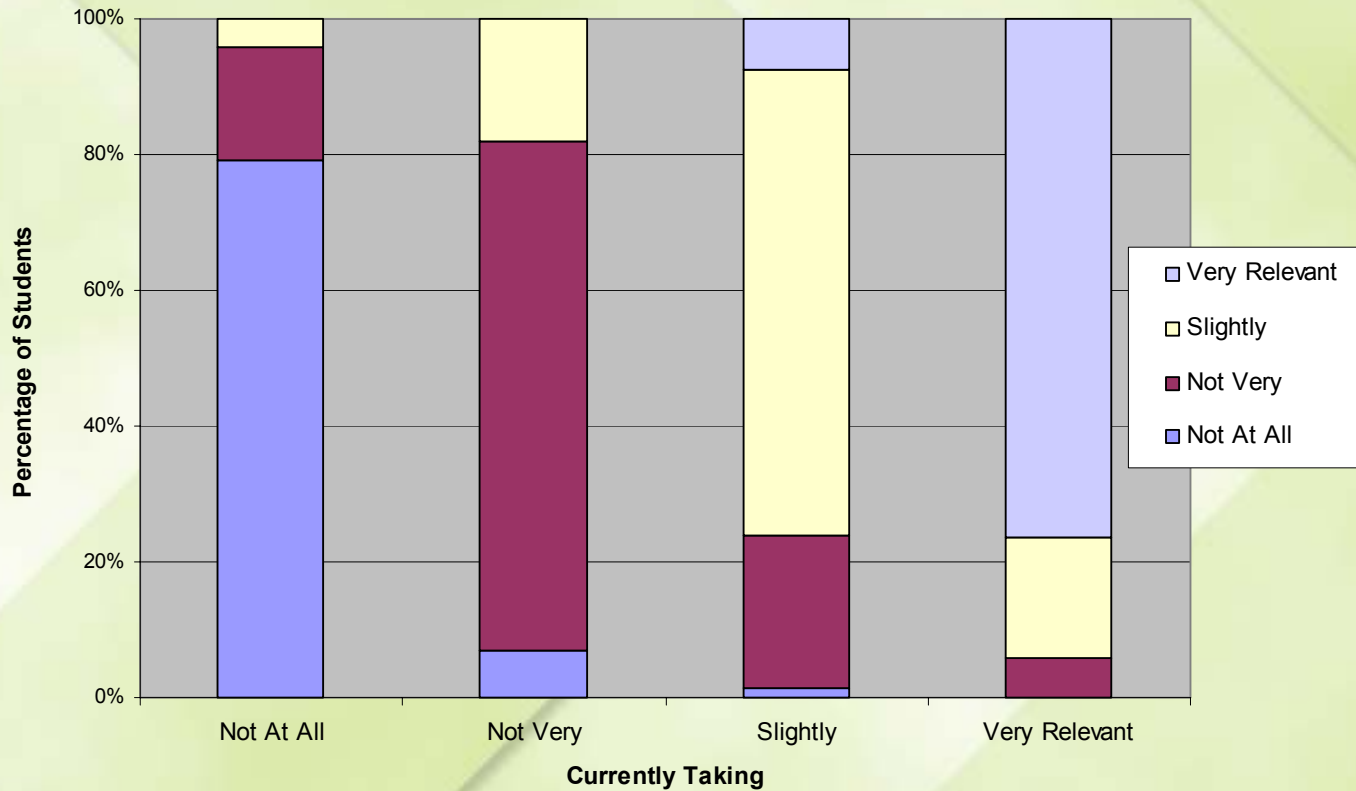
# Survey Results

## Academic Standing vs Relevancy of Discrete Math While Cocurrently Taking



# Survey Results

## Relevancy of Discrete Math While Currently Taking vs Relevancy of Discrete Math to Career Goals After Completion



# Conclusions

- Over 52% of population has a negative view towards relevancy of discrete mathematics after completing the course.
  - 70% of systems development option has positive view
    - Represents 17% of total population
- View of relevancy towards discrete mathematics does not vary between before and after completing the course.
- Of those that have experienced PBL, over 75% found that it helped them understand concepts.
- Varying interests were found across different options.

# Recommendations

- Short Term
  - Consider percentage of option taking course
  - Adjust course content to match interests of students
- Long Term
  - Consider making IST 230 an optional course
  - Offer separate sections for different IST options

# Student Comments

- “Math has been helpful to me in many of the programming class that I have taken in the past.”
- “At first, IST 230 didn't seem like a relevant course, but as I progressed through the rest of the IST courses, I realized that it is very useful.”
- “Everything I've ever done has required mathematics.”

# Thank You

