

# Introduction to Subroutines

 Benjamin Kong — 1573684

Lora Ma ————— 1570935

ECE 212 Lab Section H11

March 30, 2020

# Contents

<b>1</b>	<b>Introduction</b>	<b>1</b>
<b>2</b>	<b>Design</b>	<b>1</b>
2.1	Part A . . . . .	1
2.2	Part B . . . . .	1
2.3	Part C . . . . .	1
<b>3</b>	<b>Testing</b>	<b>1</b>
3.1	Part A . . . . .	1
3.2	Part B . . . . .	1
3.3	Part C . . . . .	1
<b>4</b>	<b>Questions</b>	<b>1</b>
<b>5</b>	<b>Conclusion</b>	<b>1</b>
<b>6</b>	<b>Appendix</b>	<b>2</b>
6.1	Part A Assembler Code . . . . .	2
6.2	Part B Assembler Code . . . . .	2
6.3	Part C Assembler Code . . . . .	2

# **1 Introduction**

## **2 Design**

### **2.1 Part A**

### **2.2 Part B**

### **2.3 Part C**

## **3 Testing**

### **3.1 Part A**

### **3.2 Part B**

### **3.3 Part C**

## **4 Questions**

## **5 Conclusion**

## 6 Appendix

### 6.1 Part A Assembler Code

```
1
```

### 6.2 Part B Assembler Code

```
1
```

### 6.3 Part C Assembler Code

```
1
```