

STATE OF NEW YORK  
IN SENATE  
January 11, 1966.

REPORT OF THE COMMISSIONERS OF THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION ON THE PROGRESS OF THE REVISION OF THE STATE EMBLEM. (SUNSHINE STATE) AND THE STATE FLAG. AND A REPORT ON THE PROGRESS OF THE REVISION OF THE STATE MASCOT. AND A REPORT ON THE PROGRESS OF THE REVISION OF THE STATE ANTHEM.

THE COMMISSIONERS OF THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION HAVE THE HONOR TO REPORT TO YOU ON THE PROGRESS OF THE REVISION OF THE STATE EMBLEM, THE STATE FLAG, AND THE STATE MASCOT. AND A REPORT ON THE PROGRESS OF THE REVISION OF THE STATE ANTHEM. 'I' REPORT TO YOU ON THE PROGRESS OF THE REVISION OF THE STATE EMBLEM AND THE STATE FLAG. AND A REPORT ON THE PROGRESS OF THE REVISION OF THE STATE MASCOT.

THE COMMISSIONERS OF THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION HAVE THE HONOR TO REPORT TO YOU ON THE PROGRESS OF THE REVISION OF THE STATE EMBLEM, THE STATE FLAG, AND THE STATE MASCOT. AND A REPORT ON THE PROGRESS OF THE REVISION OF THE STATE ANTHEM.

THE COMMISSIONERS OF THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION HAVE THE HONOR TO REPORT TO YOU ON THE PROGRESS OF THE REVISION OF THE STATE EMBLEM, THE STATE FLAG, AND THE STATE MASCOT. AND A REPORT ON THE PROGRESS OF THE REVISION OF THE STATE ANTHEM. 'I' REPORT TO YOU ON THE PROGRESS OF THE REVISION OF THE STATE EMBLEM, THE STATE FLAG, AND THE STATE MASCOT. AND A REPORT ON THE PROGRESS OF THE REVISION OF THE STATE ANTHEM.

THE COMMISSIONERS OF THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION HAVE THE HONOR TO REPORT TO YOU ON THE PROGRESS OF THE REVISION OF THE STATE EMBLEM, THE STATE FLAG, AND THE STATE MASCOT. AND A REPORT ON THE PROGRESS OF THE REVISION OF THE STATE ANTHEM.

THE COMMISSIONERS OF THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION HAVE THE HONOR TO REPORT TO YOU ON THE PROGRESS OF THE REVISION OF THE STATE EMBLEM, THE STATE FLAG, AND THE STATE MASCOT. AND A REPORT ON THE PROGRESS OF THE REVISION OF THE STATE ANTHEM.

COMMISSIONERS: COMMISSIONERS







# 00

0000000000 00000 000000 000000000 000000 000000 000000  
0000000000 000 000000 000000000 000 00'0000000 000000 000000 000000000  
00 0000000 0 00000000 00000000 00 00 000 000000000

0000000 0000000 000 000000 0000000 00000000000 00000000000 0000000000  
00000 000000 0000 0000000 00 0000000000(000 0000000) 00000 00 000 000  
000000 00000 0000000-0000000000 000000 0000000000000 00000000 000000000  
0000000 0000000 00000000 0000000000000 000000 000000000000 00000 00  
00000000000 0000000000 00000 00000

000 0000000000 0000- 0000000 0000000000 0000000 0000000 0000000 0000000  
0 000000 000000 0000000000000 0000000 0000000 000000 0000000(00)  
00000000000 0000000000 0000000000000 0000000 0000000 0000000 0000000  
0000000 00000, 000000 0000000000 0000000000000 0000000 0000000 00000  
000000,0000000000 0000000000 0000000000000 0000000 0000000 0000000 00000,  
0000000 0000000000 0000000000000 0000000 0000000 00000000 000000 00000, 0  
000000 000000 0000000000 0000000000000 0000000 0000000 0000000 00000  
00000000000 000 0000000000000000 00000 0000000000000 00000 0000000 0000  
0000000 00000 00000000000



00000000 0000000000 0000000 0000000000000 000 0000000000000 000000  
0000000 000000 00000 000 000000000 0000000 000000 0000000 00000000000  
00000000000 0 0000000000 00000000000 000000 0000 0000000

000000 0000-0000000000000 00000000 000000 0000000-(00), 000000 (00),  
000000 (00), 0000000000 000000 (00), 0000000000 (00), 00000000 000000

(00) 000000 000000 (00), 0000 000 (00), 00000000 000000 (00),  
000000 000 (00), 00000000 000000 (00)

0000000 000000 000000 0 0000000000 0000000 0000000000 000000 000000  
0000000 0000000000 000000000 00000 00000000000 000000 000 0000000

000 000000 00000 0000000000 000 000000 00000 0000000000 00000 0000  
000000000000 000 000000000000 000000000000 000000

000000 00000 00000 000000 000, 00000000 000000 00000000000000 000 000000 0  
000000 000000 000 00000000 000000000 0000000000 0000000000 0000000000 00000000 000  
00000000 000000 000 000000000 0000000000 000000 00000 00000000000000 00000  
0000000000 000000 0000000000 00000000000000 000000 0000000000 000000000000  
000000000 00000000000000 00000000

00000000 00000000 00000000 00000000 0 000000 000000 00000000000000 00000000  
00000000 000000 00000000 000000, 000000 00 000 000 0000 00000000 0000  
0000000000 0000 00000 00000000 000000000000 000000000000 000 00000 000 0000  
0000 000000 00000000 00000000 0000000000 000 00000000 00000 000  
00000000000000 000000 00000 0000 000 0000000000 000000000 000000 00000 00000000  
000000 000000 000 00000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000  
0000 00000000 0000 00000000 000000 00000 0000 0000 0000 000000 00 000000 000000  
000 000000000 00000000000000 000 000 000000 00000 00000 00000 00000 00000 00000  
0000 00 00000000 000000 00000 00000 000000000 000000000 0000000000 0000  
000000 00000000 00 00000000 0000000000 000 00000000 00000000 00000 00000000  
000 000 00000 0000000000 000 00000000000 0000000000000 0000000000 0000  
00000000

000000000000 000 000000 0 000000 0000, 0000000000 00 000 0000 00000  
000 000000 00000000 000 00000000 00000000 000 00000000 00 00000 0000  
00000 000000000 0000000000 0000000000 000000 000 000000 000 00000 000  
000000 00000

00 000000 00000 00000 000 00000000 00000 000000 00000 00000 00000000  
00000 00 000 00000000000000 00 0 00000 000000 00000 00000 00000 00000  
00000 00000 0000000000 000000 00000 00000 00000000 00000 00000 00000000000  
000000 00000 00000 000000000000 00000000 00000000 00000000 00000000 00000  
00000 000 000000000

00000000 000000 00000000 000000000000 000000000000 000000 00000000 0000000000









በግልጽ ለማሳደግ ይህንን ሰነድ ለማቅረብ የሚችሉ ግለሰቦች ወይንም ግንባታ ማሰባሰቢያ ማድረግ ለማይችሉ ለሌሎች ግለሰቦች ማሳደግ ይቻላል።

በዚህ ሰነድ ላይ የተገለጹትን ግለሰቦች ለማሳደግ ለሚችሉ ግለሰቦች ለሌሎች ግለሰቦች ማሳደግ ይቻላል። ለዚህ ሰነድ ላይ የተገለጹትን ግለሰቦች ለማሳደግ ለሚችሉ ግለሰቦች ለሌሎች ግለሰቦች ማሳደግ ይቻላል። ለዚህ ሰነድ ላይ የተገለጹትን ግለሰቦች ለማሳደግ ለሚችሉ ግለሰቦች ለሌሎች ግለሰቦች ማሳደግ ይቻላል።

በግልጽ ለማሳደግ ይህንን ሰነድ ለማቅረብ የሚችሉ ግለሰቦች ወይንም ግንባታ ማሰባሰቢያ ማድረግ ለማይችሉ ለሌሎች ግለሰቦች ማሳደግ ይቻላል።

በግልጽ ለማሳደግ ይህንን ሰነድ ለማቅረብ የሚችሉ ግለሰቦች ወይንም ግንባታ ማሰባሰቢያ ማድረግ ለማይችሉ ለሌሎች ግለሰቦች ማሳደግ ይቻላል።

በግልጽ ለማሳደግ ይህንን ሰነድ ለማቅረብ የሚችሉ ግለሰቦች ወይንም ግንባታ ማሰባሰቢያ ማድረግ ለማይችሉ ለሌሎች ግለሰቦች ማሳደግ ይቻላል።

በግልጽ ለማሳደግ ይህንን ሰነድ ለማቅረብ የሚችሉ ግለሰቦች ወይንም ግንባታ ማሰባሰቢያ ማድረግ ለማይችሉ ለሌሎች ግለሰቦች ማሳደግ ይቻላል።



# 计算机组成原理与结构习题

1. 计算机中数据的表示方法有多种，如原码、反码、补码等。请简述原码、反码和补码的定义，并举例说明它们如何表示十进制数 +5 和 -5。

2. 在计算机中，指令通常由操作码和 operands 组成。请解释操作码的作用，并说明 operands 可以是哪些类型的信息。

3. 中央处理器（CPU）是计算机系统的核心部件。请简述 CPU 的主要组成部分，包括运算器、控制器、寄存器文件等，并说明它们各自的功能。

4. 数据总线是计算机系统中连接各个部件的通道。请解释数据总线的宽度对系统性能的影响，并说明总线仲裁的必要性。

5. 总线系统设计中，地址译码和信号完整性是两个关键问题。请分别说明地址译码的方法以及提高信号完整性的措施。

0000000000000000 00 000000 00000000  
 000000 000000000 000000 0 000000000  
 000

00 00000 0000000 000000 0000000 000000 00000000 000000  
 000000000000 000000 000000 000 0000000 000 0 00000 000000000  
 00000000 000000 00000000 000000000 00000000 00000 00000000000 0 000  
 000000

0000000 0000000 000000 00 0000000 000000 000000 0000 000000 0 0000  
 00000000000 000000 000 000000000 00000,00000000 0000000000000 0000000  
 000000000 00000 000000000 00000

00000 0000000 000000 00000000 000000000 000000,000000000 00000 000000000 00  
 0000000 0 000000000 -0 000000 00000000 000000 00000 000000 00000000  
 00000000 0000 0000 00000000

000000 000000000 000000,00000000 0000000 000000 00 00000000 0000000 000000,  
 00 0000000 0000000 0000000 0000000, 00000 00000000 000000 00000000 0000  
 0000000,00000000 00000000 00000 0000000000000 0000 0000000,00000000  
 000000000000000000 0000000 0000000 00000000 0000000 0000000 00000

00000 0000000000000 000000000 000000 0000, 000000 00000000 000000000  
 000000000 000000 0000000, 00000 0000000000000 000000 00000000 0000000,  
 0000000 000000000 00000000 000000 00000000

000000000 00000,00 0000000000000000 000000 00000 0000000000000 00000000000  
 000000000 00000000 000000000

000000000000 000000 000000000 00000000000000000000 0000 000000000 000000000  
 0000000 00000000 00 00000 00000000 000000000000000000 0000000 00 00000  
 00000 0000000 0000000

00 00000000 0000000 000000000 0000000 0 00000000000000000 000000000 00000000

□□□□□□□□ □□□□□ □□□□□□□□□ □□□□ □□□□□□□□□□ □□□□ □□□□□ □□□□□  
□□□□□□ □□□□ □□□□□ □□□□□□□□

□□□□□□□ □□□□ □□□□ □□□□□ □□ □□□□□ □□□□□□ □□□□□□□□□□ □□□□□□□□  
□□□□□ □□□□□□□ □□□□□□ □□□□ □□□□□□□ □□ □□ □□□□□□□□□ □□□□□□□□  
□□□□□□ □□□□□□□ □□□□□ □□□ □□□□□ □□□□□□ □□□□□□□□ □□□□□□□□