## Problem Set: ECS 409/609 Computer Organization

## Dr. Prafullkumar Tale and Dr. Sukarn Agarwal November 12, 2024

(PP) 'Introduction to Computing Systems' by Patt and Patel

(PP) 'Introduction to Computing Systems' by Patt and Patel (HH) 'Digital Design and Computer Architecture' by Harris and Harris.		
• (PP) Exercise 1.5	• (PP) Exercise 1.13	• (PP) Exercise 1.19
• (PP) Exercise 1.12	• (PP) Exercise 1.18	
• (PP) Exercise 2.5	• (PP) Exercise 2.26	• (PP) Exercise 2.52
• (PP) Exercise 2.8	• (PP) Exercise 2.37	• (PP) Exercise 2.55
• (PP) Exercise 2.19	• (PP) Exercise 2.45	
• (PP) Exercise 2.25	• (PP) Exercise 2.46	
• (PP) Exercise 3.5	• (PP) Exercise 3.25	• (PP) Exercise 3.40
• (PP) Exercise 3.6	• (PP) Exercise 3.26	
• (PP) Exercise 3.8	• (PP) Exercise 3.28	• (PP) Exercise 3.44
• (PP) Exercise 3.12	• (PP) Exercise 3.34	• (PP) Exercise 3.45
• (PP) Exercise 3.15	• (PP) Exercise 3.36	• (11) Exercise 9.49
• (PP) Exercise 3.17	• (PP) Exercise 3.39	• (PP) Exercise 3.46
• (HH) Exercise 2.1 - 2.6	• (HH) Exercise 2.15, 2.16	• (HH) Exercise 2.32
• (HH) Exercise 2.7 - 2.8	• (HH) Exercise 2.23	
• (HH) Exercise 2.13	• (HH) Exercise 2.23	• (HH) Exercise 2.33
• (HH) Exercise 5.1	• (HH) Exercise 5.3	• (HH) Exercise 5.13
• (HH) Exercise 5.2	• (HH) Exercise 5.8	

- (PP) Exercise 4.1
- (PP) Exercise 4.7
- (PP) Exercise 5.1
- (PP) Exercise 5.2
- (PP) Exercise 5.4
- (PP) Exercise 5.5
- (HH) Exercise 6.2
- (HH) Exercise 7.6
- (HH) Exercise 7.7
- (HH) Exercise 7.15
- (HH) Exercise 8.3
- (HH) Exercise 8.4
- (HH) Exercise 8.7

- (PP) Exercise 4.8
- (PP) Exercise 4.9
- (PP) Exercise 4.13
- (PP) Exercise 4.19
- (PP) Exercise 5.8
- (PP) Exercise 5.11
- (PP) Exercise 5.13
- (PP) Exercise 5.19
- (HH) Exercise 6.2
- (HH) Exercise 7.16
- (HH) Exercise 7.24
- (HH) Exercise 7.25
- (HH) Exercise 8.8
- (HH) Exercise 8.9
- (HH) Exercise 8.10

- (PP) Exercise 5.20
- (PP) Exercise 5.40
- (HH) Exercise 6.20 (b)
- (HH) Exercise 7.26
- (HH) Exercise 8.11