2.1 Convert these binary to decimal
(a) 10110
(b) 10001101
(c) 100100001001
(d) 01011011
(e) 11111111
(f) 01110111
(g) 1111010111
(h) 10111111
2.2 Convert the following decimal to binary
2.2 Convert the following decimal to binary(a) 37
(a) 37
(a) 37(b) 14
(a) 37(b) 14(c) 189
(a) 37(b) 14(c) 189(d) 1024
(a) 37(b) 14(c) 189(d) 1024(e) 77
(a) 37(b) 14(c) 189(d) 1024(e) 77(f) 405
 (a) 37 (b) 14 (c) 189 (d) 1024 (e) 77 (f) 405 (g) 205

2.3 What is the largest decimal value that can be represented by an 8-bit binary number? A 16-bit number?

o-bit binary namber: A To-bit nambe
2.6 Covert these Octal to binary
(a) 743
(b) 36
(c) 3777
(d) 2000
(e) 165
(f) 5
(g) 257
(h) 1204
2.7 Convert these binary to octal
(a) 10110
(b) 10001101
(c) 100100001001
(d) 01011011
(e) 11111111
(f) 01110111
(g) 1111010111
(h) 10111111

sometimes binary. Try procedure 2.11 Cove (a) 92 (b) 1A6	a large decimal number is to be converted to binary, it is easier to convert it first to octal, and the from octal to y this procedure for 2313 ₁₀ and compare it with the used in 2.2e.
(a) 92 (b) 1A6	
(b) 1A6	ert these Hex to decimal
() 0750	
(c) 37FD	
(d) ABCD	
(e) 000F	
(f) 55	
(g) 2C0	
(h) 7FF	

2.12 Covert these decimal to hex (a) 75 (b) 314 (c) 2048 (d) 14 (e) 7245 (f) 389 (g) 25619 (h) 4095 2.19 Encode these decimal in BCD (a) 47 (b) 962 (c) 187 (d) 6727 (e) 13 (f) 888 (g) 42689627

(h) 1204