

Decimal to Octal

Convert the following decimal numbers into hexadecimal:

- 25
- 100
- 255
- 1024

25 in decimal = 19 in hexadecimal

Input	Quotient	Remainder	Output
25 / 16	1	$0.5625 * 16$	9
1 / 16	0	$0.0625 * 16$	1

100 in decimal = 64 in hexadecimal

100 / 16	6	$0.25 * 16$	4
6 / 16	0	$0.375 * 16$	6

255 in decimal = FF in hexadecimal

Input	Quotient	Remainder	Output
255 / 16	15	$0.9375 * 16$	15 => F
15 / 16	1	$0.9375 * 16$	15 => F

1024 in decimal = 400 in hexadecimal

Input	Quotient	Remainder	Output
1024 / 16	64	$0.0 * 16$	0
64 / 16	4	$0.0 * 16$	0
4 / 16	0	$0.25 * 16$	4