

r_cmds_def

ch	function name	python / c pseudo-code
s	rcore_t_s	t=stack.pop()
S	rcore_s_t	stack.append(t)
g	rcore_t_g	t=tg
G	rcore_g_t	tg=t
h	rcore_t_h	t=th
H	rcore_h_t	th=t
i	rcore_t_i	t=ti
I	rcore_i_t	ti=t
k	rcore_t_k	t=tk
K	rcore_k_t	tk=t
z	rcore_zte	if(t==0) tk=1; else tk=0
Z	rcore_ztg	if(t>0) tk=1; else tk=0
j	rcore_jnz_r	if(tk!=0) jump to line# (line+t)
J	rcore_jnz_a	if(tk!=0) jump to line# t
n	rcore_not	tk = NOT tk
o	rcore_or	tk = ti OR tk
N	rcore_and	tk = ti AND tk
O	rcore_xor	tk = ti XOR tk
_	rcore_t_zero	t=0
^	rcore_t_inc	t++
v	rcore_t_dec	t--
<	rcore_t_shl	t=t<<1
>	rcore_t_shr	t=t>>1
	rcore_t_abs	t=abs(t)
-	rcore_t_flipsign	t=t*-1
+	rmath_t_ti_add	t=t+ti
*	rmath_t_ti_mul	t=t*ti
/	rmath_t_ti_idiv	t=t//ti
%	rmath_t_ti_mod	t=t%ti
p	rmath_t_ti_pow	t=floor(pow(t,ti))
l	rmath_t_ti_log	t=floor(log(t,ti))
u	rxtra_t_uptime_s	t=floor(time.monotonic())
U	rxtra_t_uptime_ns	t=time.monotonic_ns()%1000000000
R	rxtra_t_randseed	random.seed(t)
r	rxtra_t_randint	t=random.randint(0,t-1)
x	rxtio_t_in_char	t=sys.stdin.read(1)
X	rxtio_t_in_int	inputs an integer and stores it to t
y	rxtio_t_out_char	sys.stdout.write(t)
Y	rxtio_t_out_int	outputs t in int form