| ch | function name | python / c pseudo-code |
|---|---|---|
| s | rcore_t_s | t=stack.pop() |
| S | rcore_s_t | stack.append(t) |
| f | rcore_t_f | t=tf |
| F | rcore_f_t | tf=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 |
| l | rcore_t_l | t=tl |
| L | rcore_l_t | tl=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 |
| q | rcore_quit | sys.exit(t) |
| Q | rcore_quit_ifkz | if(tk==0) sys.exit(t) |
| n | rcore_not_tk | tk = NOT tk |
| o | rcore_or_tk | tk = tk OR tl |
| a | rcore_and_tk | tk = tk AND tl |
| x | rcore_xor_tk | tk = tk XOR tl |
| N | rcore_not_tl | tl = NOT tl |
| O | rcore_or_tl | tl = tk OR tl |
| A | rcore_and_tl | tl = tk AND tl |
| X | rcore_xor_tl | tl = tk XOR tl |
| _ | 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_tl_add | t=t+tl |
| * | rmath_t_tl_mul | t=t*tl |
| / | rmath_t_tl_idiv | t=t//tl |
| % | rmath_t_tl_mod | t=t%tl |
| p | rmath_t_tl_pow | t=floor(pow(t,tl)) |
| P | rmath_t_tl_log | t=floor(log(t,tl)) |
| 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) |
| w | rxtio_t_in_char | t=sys.stdin.read(1) |
| W | rxtio_t_in_int | inputs a decimal int and stores it to t |
| y | rxtio_t_out_char | sys.stdout.write(t) |
| Y | rxtio_t_out_int | outputs t in decimal form |
| e | rxtio_t_in_hex | inputs a hexadecimal int and stores it to t |
| E | rxtio_t_out_hex | outputs t in hexadecimal form |