

%=%U%H%&% ' %" 350@ **A/B**

-- % ^ % / %m(Dj?tDj5A)/IbF0>. ?tE@?t/7?JQ49/J8
; zNs --

?t3X2J 7*Ln =S0l

2011/06/17 %=%U%H%&% ' %" 35

EA8@

; d8l\$O?5\$ ` \$h\$&\$K !!

□ ?' !9\$J\$*CN\$i\$; \$K\$D\$\$\$F

○ 7*Ln\$N **Web Page** \$KcM0U\$9\$k;v

<http://edu-gw2.math.cst.nihon-u.ac.jp/~kurino>

□ O-2<B&\$N0lNs\$OCY9o<T@lMQ\$G\$9(Aa\$/Mh\$??M\$O:B\$i\$J\$\$)

□ 9V5A3+; OA0\$K\$9\$^\$; \$F\$*\$/\$3\$H

○ **PC** \$NEE8; \$rF~\$l\$k

○ %M%C%H%o!<%/\$K@\B3\$7\$F\$*\$/\$3\$H

○ :#F|\$N;qNA\$KL\\$rDL\$7\$F\$*\$/\$3\$H

□ 9V5AA0\$NCm0U

○ 9V5AA0\$O!"7*Ln\$O=`Hw\$GK;\$7\$\$\$N\$G **TA** \$rJa\$^\$ (\$F\$/\$@\$5\$\$)

□ \$d\$k5\$\$N\$"\$kJ}\$X

○ :#F|\$N;qNA\$O!"\$9\$G\$K>e\$C\$F\$\$\$^\$9

▶ \$I\$s\$I\$s!"@h\$K?J\$s\$G\$+\$^\$\$\$^\$;\$s

: #8e\$NM=D j\$K\$D\$\$\$F

- A04 | \$N; n83\$^\$G\$NM=D j
 - 2011/07/15 : 9V5DCf\$K; n83\$r9T\$&
 - 2011/07/08 : 9V5DCf\$KLO5<; n83\$r9T\$&
- ;D\$j\$NF | Dx (; 0F | \$7\$+\$J\$\$..)
 - 2011/07/01
 - 2011/06/24
 - 2011/06/17 : K\F |

A02s\$NI|=,

□ A02s\$NI|=,

○ switch J8

▶ \$b\$&01\$D\$N>r7oJ,4t

○ J8;z7? (%3!<%G%#%s%0)

▶ !VJ8;z!W\$H!V?tCM!W\$NBP1~I=\$,\$"\$k

▶ ASCII I=:H>3QJ8;z

▶ SJIS:A43QJ8;z

○ 4X?tCM

▶ 4X?t\$G7W;;\$7\$?7k2L\$r!V4X?t\$NCM!W\$H\$7\$F!VJV\$9!W;v\$,\$G\$-\$k

▶ 4X?tCM\$O!"4X?t\$r8F=P\$7\$?B&\$GMxMQ\$G\$-\$k

○ F~NO

▶ %-!<%\!<%I\$+\$i!"%G!<?%\$rFI9~\$_%W%m%0%i%`\$GMxMQ\$G\$-\$k

\$*CN\$ i \$;

□ K\F | \$NM=D j

○ Dj?t%^%/m

○ **double** 7?

○ J8 ; zNs **again**

○ %a%b%j%b%G%k

□ K\F | \$NL\ I8

○ 1i=,

▷ 2]Bj\$NDs=P

@h=5 (2011/06/10) \$N2] B j

□ @h=5 (2011/06/10) \$N2] B j

○ 2] B j 1:

- ▶ %U%!%\$%kL> : 20110610-1-QQQQ.c (QQQQ \$O3X@8HV9f)
- ▶ FbMF : Fizz Buzz %W%m%0%i% `
- ▶ %U%!%\$%k7A<0 : %F%-9%H%U%!%\$%k(C 8@81%W%m%0%i% ` %U%!%\$%k)

○ 2] B j 2:

- ▶ %U%!%\$%kL> : 20110610-2-QQQQ.c (QQQQ \$O3X@8HV9f)
- ▶ FbMF : J8; z%3!<%I(==O; ?J@0?tCM)\$rMxMQ\$7\$F "Hello, World <+J, \$NL>A0" \$rI=< (\$9\$k%W%m%0%i% `
- ▶ %U%!%\$%k7A<0 : %F%-9%H%U%!%\$%k(C 8@81%W%m%0%i% ` %U%!%\$%k)

○ 2] B j 3:

- ▶ %U%!%\$%kL> : 20110610-3-QQQQ.c (QQQQ \$O3X@8HV9f)
- ▶ FbMF : Fs\$D\$N@0?t\$NM>\$j\$rCM\$H\$7\$FJV\$94X?t\$r:n@.\$7\$J\$5\$\$
- ▶ %U%!%\$%k7A<0 : %F%-9%H%U%!%\$%k(C 8@81%W%m%0%i% ` %U%!%\$%k)

:#=5 (2011/06/17) \$N2] B j

□ :#=5 (2011/06/17) \$N2] B j

○ 2] B j 1:

▷ %U%!%\$%kL> : 20110617-1-QQQQ.c (QQQQ \$O3X@8HV9f)

▷ FbMF : cos \$N%0%i%U

▷ %U%!%\$%k7A<0 : %F%-9%H%U%!%\$%k(C 8@81%W%m%0%i% `U%!%\$%k)

○ 2] B j 2:

▷ %U%!%\$%kL> : 20110617-2-QQQQ.c (QQQQ \$O3X@8HV9f)

▷ FbMF : J8; zNs\$ND9\$5\$r7W;; \$9\$k my_string_length

▷ %U%!%\$%k7A<0 : %F%-9%H%U%!%\$%k(C 8@81%W%m%0%i% `U%!%\$%k)

%U% ! %\$%k \$NF ~ < j \$H%\$%s%9%H! <%k

□ %U% ! %\$%k \$N%@%&%s%m! <%I

○ <! \$NK\F | (2011/06/17) \$N%Z! <%8\$+\$i%U% ! %\$%k \$r%@%&%s%m! <%I\$9\$k

<http://edu-gw2.math.cst.nihon-u.ac.jp/~kurino/2011/soft/20110617/20110617.html>

○ %@%&%s%m! <%I\$9\$k%U% ! %\$%k

▷ sched.h, semaphore.h, pthread.h

▷ pthreadVC1.dll, pthreadVC1.lib

▷ walk2.c, s_walk.h (99?7)

▷ walk2.exe (I, MW\$J\$i)

○ \$\$\$: \$l\$b! Vc:\usr\soft! W\$KJ] B8\$9\$k ; v

○ <! \$N%3%^%s%I\$G%3%s%Q%\$%k\$G\$-\$k

▷ cc -l. walk2.c GLMetaseq.c pthreadVC1.lib

○ %-! <%\! <%I\$G! "%_%/ \$, @) 8f\$G\$-\$^\$9

% ^ % / %m

□ % ^ % / %m : J8 ; zNs \$KL>A0\$, IU\$ i \$ l \$ k

○ J8 ; zNsL>(% ^ % / %mL>) \$ND j5A

▶ #define J8 ; zNsL> J8 ; zNs

○ J8 ; zNsL>\$N ; 2>H

▶ J8 ; zNsL> : !VJ8 ; zNsL>!W\$H=q\$\$\$?=j\$K\$O!VJ8 ; zNs!W\$, F~\$C\$F\$\$\$k\$N\$HF1\$8

□ Dj?t % ^ % / %m \$NMxMQ

○ Dj?tL>\$ND j5A (\$H\$\$\$&\$+! "Dj?t\$NcM\$KL>A0\$r\$D\$1\$F\$\$\$k..)

▶ #define Dj?tL> Dj?t\$NcM

▶ Dj?t % ^ % / %mL>\$O!VBgJ8 ; zNs!W\$K\$9\$k!V= , 47!W\$, \$"\$k

○ Dj?tL>\$N ; 2>H

▶ Dj?tL> : !VDj?tL>!W\$H=q\$\$\$?=j\$K\$O!VDj?t\$NcM!W\$, F~\$C\$F\$\$\$k\$N\$HF1\$8

□ % ^ % / %m \$NMxMQ

○ !V?t!W\$O0UL#\$, 2r\$i\$J\$\$

▶ % ^ % / %m \$N7A\$K\$7\$F!VL>A0!W\$rIU\$1\$k\$HH=\$j\$d\$9\$\$

▶ !V3.141592!W\$h\$j!VPI!W\$NJ}\$, H=\$j\$d\$9\$\$

○ Dj5A\$5\$1\$?8e\$N9T\$+\$iM-8z\$K\$J\$k

▶ \$=\$NA0\$G\$OM-8z\$G\$J\$\$

IbF0> .?tE@?t7?

□ double 7?

○ > .?tE@IU\$-\$N?t\$rI=8=\$9\$k

▶ C 8@81Fb\$G\$NI=8=:> .?tE@IU\$-\$N?t

▶ =PNO : s_print_double (s_print.h Fb)

▶ F~NO : s_input_double (s_input.h Fb)

○ MM!9\$J?t3XE*\$J4X?t\$,MxMQ\$G\$-\$k

▶ sin/cos/exp/log/etc.. cf #include <math.h>

□ 7?\$N> : 3J\$H7?JQ49

○ 7?\$N> : 3J

▶ IbF0> .?tE@?t7?\$H@0?t7?\$, : : _\$9\$k7W;;\$G\$O!"<+F0E*\$KIbF0> .?tE@?t\$K\$J\$k

○ 7?JQ49(%-c%9%H)

▶ CM\$NA0\$K!V(7?L>)!W\$H\$9\$k\$H!"\$=\$N7?\$N?t\$KJQ49\$5\$1\$k

▶ IbF0> .?tE@?t\$r@0?t7?\$K\$9\$k\$K\$O!"%-c%9%H\$rMxMQ\$9\$k

J8; zNs

□ !VJ8; zNs !W\$H\$O2?\$+

○ J8; zNs \$N<BBN : J8; z \$NJB\$S + =*C<J8; z (EOS)

▷ J8; z \$N<h\$ j=P\$7 '*' [>1=j]

○ !VJ8; zNs <0 !W "abc" \$H\$O.. ?

▷ 'a', 'b', 'c', '\0' \$NJB\$\$NF~\$C\$F\$\$\$k>1=j

○ +1 \$9\$k\$H..

▷ J8; zNs\$, 01J8; zJ, C; \$/\$J\$k

▷ !V'a', 'b', 'c', '\0' !W => !V'b', 'c', '\0' !W

○ "abc"[1] \$G 1+1 J8; zL\\$, F@\$i\$l\$k

▷ "abc"[0] == *("abc" + 0) == *"abc" == 'a'

▷ "abc"[1] == *("abc" + 1) == 'b'

▷ "abc"[n] == *("abc" + n)

% " % I % l % 9

□ JQ?t

○ CM\$, J] B8\$5\$1\$F\$\$\$k

▷ CM\$, J] B8\$5\$1\$F\$\$\$k>l=j\$, \$"\$k

○ >l=j\$N6hJL

▷ % " % I % l % 9 \$ G6hJL\$5\$1\$k

□ % " % I % l % 9 1 i ; ; ; R

○ JQ?t\$NA0\$N '&' \$rIU\$1\$k\$H% " % I % l % 9 \$, F@\$i\$ (\$k

▷ <B\$O!V%] %\$%s%?!<CM!W\$K\$J\$C\$F\$\$\$k

○ %] % \$ % s % ? ! < CM\$K '*' \$rIU\$1\$k\$H! "\$=\$NCM\$, <h\$j=P\$; \$k