// Using rand() function from stdlib.h

//#include "stdafx.h"

#include <stdio.h>

#include <stdlib.h>

//#include <ctype.h>

#include <time.h>

#define LASTWORD 45

#define MIN\_LENGTH 6

int lotto(int idx);

int main(void)

{

int i;

lotto(0);

getchar();

return 0;

}

int lotto(int idx)

{

FILE\* fp;

char str[100];

int i, fi, nthWord[MIN\_LENGTH];

// linux struct timeval tv ;

// fp = fopen("C:\\\_C&#65533;&#65533;&#65533;\\words.txt", "r") ;

// linux outp = fopen("/lab/graphics/jhpark/words.txt", "w") ;

// linux gettimeofday(&tv, NULL ) ;

if (idx <= 1)

srand(time(0)); // linux srand(tv.tv\_sec \* tv.tv\_usec) ;

//printf("%d %d\n", RAND\_MAX, rand() ) ;

/\*

% wc /usr/share/dict/words^M^M

479623 479623 4950996 /usr/share/dict/words

\*/

// incomplete because number ranges from 0 to 45

// same number can appear

for (int i = 0; i < MIN\_LENGTH; i++) {

value\_generate:

nthWord[i] = rand() % (LASTWORD)+1; // % 45 + 1

for (int j = 0; j < i; j++) {

if (nthWord[j] == nthWord[i]) {

goto value\_generate;

}

}

}

for (int i = 0; i < MIN\_LENGTH; i++)

printf("lotto = %d\n", nthWord[i]);

return 0;

}