```
/*01*/ //
/*02*/ // random_sequence_v6.c
/*03*/ // Generate a random sequence of all numbers between 1 to N /*04*/ //
                                        Hinclude "unistd. h" ()
/*05*/ #include "stdio.h"
/*06*/ #include "stdint.h"
/*07*/ #include "stdlib.h"
/*08*/ #include "stdint.h"
/*09*/ #include "sys/types.h"
/*10*/ #include "sys/stat.h"
/*11*/ #include "fcntl.h"
/*12*/ #include "assert.h"
/*13*/ #include "inttypes.h"
                        sursigned 64 b45 18 bytes 0-269-1
/*14*/
/*15*/ typedef uint64_t value_t;
/*16*/
generates an sorted sequence of all number from I to num_values
/*17*/ value_t* generate_sequence(unsigned num_values) set it to seto (Malloc doesn't)
/*18*/ {
              assert (num_values > 0); - allocates the requested memory & returns a pointer to it
/*19*/
              value_t* data = calloc(num_values, sizeof(int));

Value_t* data = calloc(num_values, sizeof(int));

Value_t* data = calloc(num_values, i++) { Value_t* for(int) = 0; i < num_values, i++) }
 /*20*/
              for (int i = 0; i <= num_values; i++) {
    data[i] = i; ②
}
 /*21*/
                                                                            datali) = i+1;
 /*22*/
                                                                           return dato,
 /*23*/
              return &data;
 /*24*/
 /*25*/ }
                          shount return anything
 /*26*/
 /*27*/ int random_value(int min, int max) returns a random value between min & max
 /*28*/ {
                 random-number = rand()
                                                                                          may vary but at least 31.767
              int random_number;
 /*29*/
                  random_number = rand(); returns a pseudo-random number in to, PAND_MAX)
 /*30*/
 /*31*/
              } while ((random_number <= min) && (random_number => max));
 /*32*/
 /*33*/ }
               return random number, 6
                                                   11.3
 /*35*/ int randomize_sequence(value_t* sequence, unsigned num_values) Tancomize the sequence
 /*36*/ {
```