```c
#include <unistd.h>
int        main(int argc, char **argv)
{
           char       string[2048];
           char       *str;
           char       *ptr;
           int                    i;
           if (argc != 2)
           {
                      write(1, "\n", 1);
                      return (0);
           }
           i = 0;
           while (i < 2048)
           {
                      string[i] = 0;
                      i++;
           }
           ptr = *(argv + 1);
           str = &string[0];
           while (*ptr)
           {
                      if (*ptr == '>')
                                 str++;
                      else if (*ptr == '<')
                                 str--;
                      else if (*ptr == '+')
                                 (*str)++;
                      else if (*ptr == '-')
                                 (*str)--;
                      else if (*ptr == '.')
                                 write(1, str, 1);
                      else if (*ptr == '[' && !*str)
                      {
                                 i = 1;
                                 while (i > 0)
                                 {
                                            ptr++;
                                            if (*ptr == '[')
                                                       i++;
                                            else if (*ptr == ']')
                                                       i--;
                                 }
                      }
                      else if (*ptr == ']' && *str)
                      {
                                 i = 1;
                                 while (i > 0)
                                 {
                                            ptr--;
                                            if (*ptr == ']')
                                                       i++;
                                            else if (*ptr == '[')
                                                       i--;
                                 }
                      }
                      ptr++;
           }
}
```