

```
#include <stdio.h>
#include "sqstack.h"
```

```
int main(int argc, const char *argv[])
{
    sqstack *s;

    s = stack_create(100);
    if (s == NULL)
        return -1;

    stack_push(s, 10);
    stack_push(s, 20);
    stack_push(s, 30);
    stack_push(s, 40);

    while (!stack_empty(s)) {
        printf("pop: %d \n", stack_pop(s));
    }

    stack_free(s);

    return 0;
}
```

