

1) Проверяю переполнение

Ввела максимальную вместимость стека = 1, при попытке добавить 2ой элемент выводится сообщение STACK OVERFLOW

```
lab_04 ./app.exe
Input max capacity of stack: 1
1 - Add word
2 - Delete word
3 - Print stack
4 - Show freed addresses
5 - Print all words in reverse order and form
0 - Program exit.
YOUR CHOICE: 1
Input word with max len 20
qwerty
TIME ARRAY: 22
TIME LIST: 42

YOUR CHOICE: 1
STACK OVERFLOW
YOUR CHOICE: |
```

2) При выводе всего стека теперь рядом с каждым элементом выводится адрес, по которому он лежит

```
YOUR CHOICE: 3
-----ARRAY-----
water
bread
milk
-----
-----LIST-----
water --- 0x7f9a81d041a0
bread --- 0x7f9a81d04180
milk --- 0x7f9a81d04160
-----
```

3) Время работы

FOR 250

[TIME] ARRAY ADD 10

[TIME] LIST ADD 14

[TIME] ARRAY DELETE 2

[TIME] LIST DELETE 12

[SIZE] ARRAY 2008

[SIZE] LIST 7221

FOR 500

[TIME] ARRAY ADD 11

[TIME] LIST ADD 12

[TIME] ARRAY DELETE 2

[TIME] LIST DELETE 12

[SIZE] ARRAY 4008

[SIZE] LIST 14471

FOR 750

[TIME] ARRAY ADD 7

[TIME] LIST ADD 8

[TIME] ARRAY DELETE 1

[TIME] LIST DELETE 8

[SIZE] ARRAY 6008

[SIZE] LIST 21721

FOR 1000

[TIME] ARRAY ADD 15

[TIME] LIST ADD 18

[TIME] ARRAY DELETE 2

[TIME] LIST DELETE 14

[SIZE] ARRAY 8008

[SIZE] LIST 28971