

```
char* init_buf = 0x804e220;
int* buf = ebp - 0x98;
buf[0] = *(int*)(init_buf);
buf[1] = *(int*)(init_buf + 0x4);
buf[2] = *(int*)(init_buf + 0x8);
(char*)(buf)[0xc] = init_buf[0xc];
```

```
int idx = 0; // &idx = ebp - 0x4
char str[0x80]; // str = ebp - 0x84 (input key)
int v1; // v1 = ebp - 0x88
char* str1 = buf; // str1 = ebp - 0x98
int v2; // &v2 = ebp - 0x9c
```

