

unit2\midterm_code6.c

```
1  //c function to return unique number in array with one loop?
2  #include <stdio.h>
3
4  int unique(int num[],int size);
5
6  void main(void){
7      int arr[]={4,2,5,2,5,7,4};
8      int size = sizeof(arr)/sizeof(arr[0]);
9
10     printf("unique element = %d",unique(arr,size));
11 }
12
13 int unique(int num[],int size){
14     int unique=0;
15     for(int i =0;i<size;i++){
16         unique ^=num[i];
17     }
18     return unique;
19 }
```