

## 20160309学习笔记

### 指针数组

全是指针的数组 `int* p[4]`

`char* p[4]`

`p[0] = (char*)malloc(2);`

`char a[5][15]`

`p[0] = a[0];`

### pointer\_array

```
1.  #include <stdio.h>
2.  #include <stdlib.h>
3.
4.  void print(char **p2,int n){
5.      int i;
6.      for(i=0;i<n;i++){
7.          printf("%s\n"*(p2+i));
8.      }
9.  }
10. void main(){
11.     char *p[] = {"Basic","Python","Fortune","C++","Shell"};
12.     printf(p,5);
13. }
```

### 数组指针

二维数组在传递时弱化为数组指针

`int (*p)[10]`

```
1.  void search(float (*p)[4],int n){
2.      int i;
3.      for(i=0;i<4;i++){
4.          printf("%5.2f",*(*p[n]+i));
5.      }
6.      printf("\n");
7.  }
8.
9.  void main(){
10.     float a[3][4] = {{40,50,60,70},{70,80,90,100},{73,82,91,95}};
11.     search(a,2);
12.     system("pause");
13. }
```