Programing Workshop For Beginners

جلسه یازدهم

1399 - 1400

```c
static int a[] = {10, 20, 30, 40, 50};
static int *p[] = {a, a+3, a+4, a+1, a+2};
int **ptr = p;
ptr++;
printf("%d%d", ptr - p, **ptr);
```

```c
char *c[] = {"GSDsQuiz", "MCQ", "TEST", "QUIZ"};
char **cp[] = {c+3, c+2, c+1, c};
char ***cpp = cp;

int main()
{
   printf("%s ", **++cpp);
   printf("%s ", *--*++cpp+3);
   return 0;
}
```

```c
void show(int,int);
int main()
{
    struct paint{
        int type;
        int color;
    }p;
    p.type=1;
    p.color=5;
    show(p.type,p.color);
    return 0;
}
void show(int a,int b)
{
    printf("%d %d",a,b);
}
```

```c
int main()
{
    struct car
    {int color;};
    struct garage
    {
        struct car mycar[10];
    }gar;
    struct car c1={5};
    gar.mycar[0]=c1;
    printf("%d",gar.mycar[0]);
    return 0;
}
```

```c
int main()
{
    struct car
    {
        int km;
    }*p1[2];
    struct car c1={1234};
    p1[0]=&c1;
    printf("%d ",p1[0]->km);
    return 0;
}
```

```c
struct NODE {
    int a;
    struct NODE *next;
} *head=NULL;

int main() {
    for(int i=0;i<5;i++){
        struct NODE *node = malloc(sizeof(struct NODE));
        node->a=i;
        node->next = head;
        head = node;
    }

    return 0;
}
```