

CODING:

```
#include <stdio.h>
```

```
int main() {  
    int i=0,j=0;  
    int arr[4][3]={{1,2,3},{4,5,6},{5,6,7},{6,7,8}};  
    for(i=0;i<4;i++){  
        for(j=0;j<3;j++){  
            printf("arr[%d][%d]= %d",i,j,arr[i][j]);  
        }  
    }  
  
    return 0;  
}
```

OUTPUT:

```
arr[0][0]= 1arr[0][1]= 2arr[0][2]= 3arr[1][0]= 4arr[1][1]= 5arr[1][2]=  
6arr[2][0]= 5arr[2][1]= 6arr[2][2]= 7arr[3][0]= 6arr[3][1]= 7arr[3][2]= 8
```

RESULT:

Thus the given c program is written and executed successfully. The output is verified.