

7.1 T F T T F T T T T F T T

7.2

single-subscripted

At run time

Dynamic arrays

Multi-dimensional arrays

Sort

7.6

For(i=1;i<=25;i=i+6)

7.14 6

7.4

```
#include "stdio.h"
main()
{
    int p[10][10] = { 0 };
    int i, j;
    for (i = 0; i < 10; i++)
    {
        p[i][0] = 1;
        p[i][i] = 1;
    }
    for (i = 0; i < 10; i++)
    {
        for (j = 0; j < 10; j++)
        {
            if((p[i][j]==0)&&(j<i))
                p[i][j] = (p[i - 1][j - 1] + p[i - 1][j]);
        }
    }
    for (i = 0; i < 10; i++)
    {
        for (j = 0; j < 10; j++)
        {
            if(p[i][j]!=0)
                printf("%d\t", p[i][j]);
        }
        printf("\n");
    }
}
```