

## Lab 7

4, Write a function with type void, parameter : int n  
It will print out n lines of \* to form the following shape

```
*      *
 *      *
  *      *
   *
  *      *
 *      *
*      *
```

PS:

(1): Inside your function body, you might declare a  
vector<string> and use programming structure:

for

{

for

}

And besides two int i,j to control the loop, you might also need  
another two int k,l to control the position of ' \* '

(2): This is actually a n\*n matrix filled by ' ' and ' \* ', and to  
form a shape of X, the n must be at least 3. So at the beginning  
of your function body, add following code:

```
if (n < 3)
{
    cout << "n should be larger than 3";
    return;
}
```