Question 15:

```
for(int i = 0; i < 17; ++i){
data[6][i] = 11 + i;
}
```

Question 16:

I'm not sure if this is asking for a dynamic or static array so I did both.

Solution using a static array:

```
int main() {

int array[5][10] = {};

for(int rows = 0; rows < 5; ++rows) {

    for(int cols = 0; cols < 10; ++cols) {

            array[rows][cols] = (((rows+2)+rows))*((cols+2)+cols)));
    }
    }
}
```

Solution using a dynamic array:

```
int main() {

int **array;

int rows = 5;

int cols = 10;

array = new int*[rows];

for(int i = 0; i < 10; ++i) {

array[i] = new int[cols];
}
```

```
for(int rows = 0; rows < 5; ++rows) {

    for(int cols = 0; cols < 10; ++cols) {

            array[rows][cols] = (((rows+2)+rows))*((cols+2)+cols)));
    }
    }
}
```

Question 17:

question 1 public variables can still be changed outside of a class.

question 11 $f.iFun()$ returns void not int so this is illegal.

question 12: f.sFun() is private so you cant use it this way.

question 13 both *mycount* and times need to be passed to the function by address $(\&mycount, \&times)$ otherwise the changes will not be sent back to main.