1. [18 pts.] Write a function which would be used with the following main so that the character passed as the first parameter is printed the number of times indicated by the second parameter. If the integer passed is non-positive, the function should do nothing.

```c
#include <stdio.h>

int main()
{
    printf(\"a\", 4); //output would be aaaa
    printf(\"b\", 3); //output would be bbb
    printf(\"x\", 6); //output would be xxxxxx
    return 0;
}
```

(over)
2. [11 pts.] Write a function that takes in no parameters but prompts for and reads integers (one at a time) from the user until a value between 1 and 9 (inclusive) is given. The single digit integer is then returned to the caller of the program.

It is called like this:
```
int retval;
retval = getOneDigit();
```

It looks like this when run:
- Give a single integer: 12
- Error - Give a single integer: -56
- Error - Give a single integer: -3
- Error - Give a single Integer: 4

3. [11 pts.] Tell the output of the following C code:

```c
#include <stdio.h>
void f1(int a, int b){
    int x = 99;
    a = x - b++;
    printf("f1: %d, %d, %d\n",a,b,x);
    return;
}
int f2(){
    int x = 5, y = 9;
    return x * y;
}
int main(){
    int x = 1, y = 2, z = 3;
    f1(x,y);
    x = f2();
    printf("main: %d, %d, and %d\n",x,y,z);
}
```