Tutorial 5 - Practice with C Functions

This tutorial is an exercise in writing and using C functions.

Use the built-in functions

```
void gotoxy ( int x, int y ) ;
int putch ( int ch ) ;
```

which are declared in

```
conio.h
```

to write a function declared as

```
void drawpattern ( int x, int y )
```

that prints the following pattern:

```
XX
X
```

where the top left 'X' is at screen position x, y passed to the `drawpattern()` function.

Test your function by writing a program that clears the screen using

```
void clrscr ( void )
```

and then draws the pattern with the top left corner at location 10,10.

Modify your program so that it draws a total of 15 of these patterns in a square arrangement with the top left pattern starting at 10,5 and stepping horizontally and vertically in increments of 5. That is, there would be patterns drawn at starting locations (10*i,10*j) for i taking all possible values from 0 to 4 and i taking all values from 0 to 2.