Week 5 hand-in

Github link for code exercises:

https://github.com/Aarhus-University-ECE/assignment-5-amandoee

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Exercise (1):

(1) (Text answer) (Old exam question) A function area calculates and returns the area of a rectangle as an integer. The input rectangle is given as four integer coordinates: x1, x2, y1, y2. Complete the function signature below.

```
Int area (int x1, int x2, int y1, int y2) {

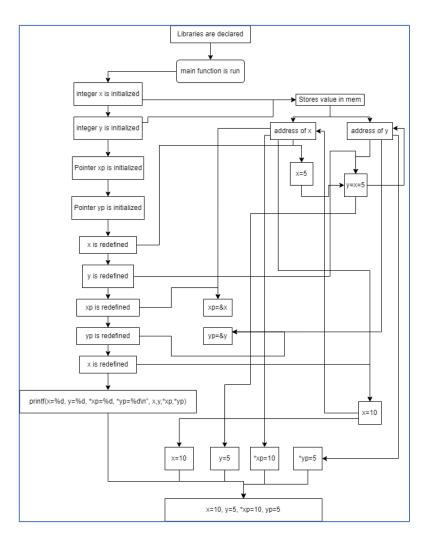
return (x2 - x1) * (y2 - y1);
}
```

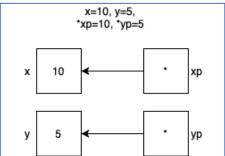
Exercise (2):

(2) (Text answer) (Old exam question) The function increment takes a pointer to an integer and adds 1 to the integer value to which it pints. The function does not return any value. Complete the function signature and function body below, so that the main function prints 6 when executed.

Exercise (3):

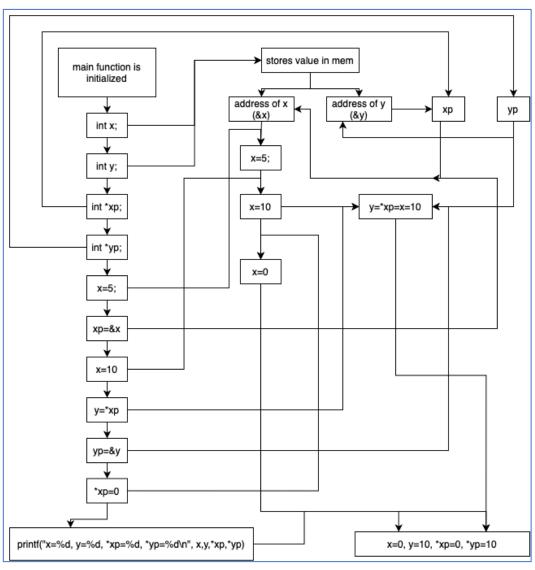
Both flowchart and diagram:

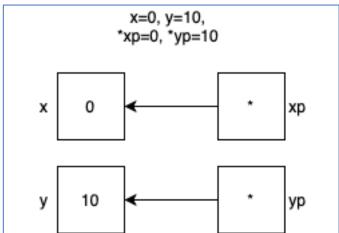




Exercise (4):

Both flowchart and diagram:





Exercise (5):

Both fowchart and diagram.

