

Digital Design and Computer Architecture (E85)

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Problem Set 6

1) Textbook Problems

Do problems 6.17, 6.19, 6.21, 6.25, and 6.28.

Exercise 6.19 high-level code should be:

```
// high-level code
void strcpy(char x[], char y[]) {

    int i = 0;
    while (x[i] != 0) {
        y[i] = x[i];
        i = i + 1;
    }
    y[i] = '\0'; // this line is missing in the text
}
```

It's okay to use the text's "dst" and "src" variable names instead.

4) Time

Please indicate how many hours you spent on this problem set. This will not affect your grade (unless you omit it completely), but will be helpful for calibrating the workload for next semester's class.