Problem 1

Content: `There is no spoon.`

Solution: Change line 29 to fgets(command, 16, stdin);

Problem 2

Content :

`I have come here to chew bubblegum and hack programs, and I'm all out of bubbleg
um.`

Solution: Change line 47 to: else if (command < 256)

                       processCommand(command);

Problem 3

Content :

Oh, what a hack…what a lovely hack!

`Your guess was 4196685.1288727008.544437093.1290965016.0.11292800.11292800.Oh, w
hat a hack... what a lovely hack!`

Solution: Change line 24 to printf("%s" , input);

Problem 4

Content :

`The answer is 42.`

Solution: First tell if public.txt is a link. Only execute when public.txt is not a link.

The program should be as follows:

```
1    #include <stdio.h>
2    #include <stdint.h>
3    #include <stdlib.h>
4    #include <string.h>
5    #include <stat.h>
6
7    void problem4() {
8       char buffer[100];
9       struct stat m;
10      stat("public.txt", &m);
11
12      if(!S_ISLNK(m.st_mode)){
13          FILE *fin = fopen("public.txt", "rt");
14          fgets(buffer, 100, fin);
15          fclose(fin);
16
17          printf("The public data is:\n %s\n", buffer);
18      }
19      else{
20          printf("error");
21      }
22   }
23
24   int main() {
25      problem4();
26   }
27
```

Problem 5

Content:

```
Whew, you are finally done with the homework.
```

Solution: Change line 28 to printf("%s" , user->username);