EECE.2160: ECE Application ProgrammingSpring 2018

Lecture 29: Key Questions April 18, 2018

1. Describe the functions used for character I/O.

2. Describe the functions used for line I/O

3. **Example:** Show the output of each of the following short program.

a. Input: Test Input 1 23 4 5

```
void main() {
   char c;
   char buffer[50];
   int i, n;
   i = 0;
   while ((c = fgetc(stdin)) != '\n') {
      if (c != ' ') {
         buffer[i++] = c;
      }
   buffer[i] = '\0';
   fputs(buffer, stdout);
}
```

```
b. Input:
Test1
Test 2
abcdefghijklmnopqrstuvwxyz
This is a test of the fgets() function

void main() {
   char str[25];
   int i;
   for (i = 0; i < 5; i++) {
      fgets(str, 24, stdin);
      strcat(str, "\n");
      fputs(str, stdout);
   }
}</pre>
```

##