EECE.2160: ECE Application Programming Fall 2017

Lecture 31: Key Questions November 29, 2017

1. (Review) Describe the functions used for character I/O.

EECE.2160: ECE Application Programming Fall 2017

M. Geiger Lecture 31: Key Questions

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);
}
```

M. Geiger

```
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);
  }
}
```

}

##