16.216: ECE Application Programming

Spring 2012

Lecture 2: Key Questions
January 25, 2012

1. Describe the key components of the basic C program shown below. What is the
   output of this program?

```c
#include <stdio.h>
int main()
{
    printf("Hello World!\n");
    return 0;
}
```

2. What is the output of each of the following variations on the basic program shown in
    Question 3?

a.

```
#include <stdio.h>
int main()
{
    printf("Hello");
    printf("there");
    printf("World!");
    return 0;
}
```

b.

```
#include <stdio.h>
int main()
{
    printf("Hello\n");
    printf("there\n");
    printf("World!\n");
    return 0;
}
```

c.

```
#include <stdio.h>
int main()
{
    printf("Hello\nthere\nWorld!\n");
    return 0;
}
```