

# **16.216: ECE Application Programming**

Spring 2015

## Lecture 2: Key Questions

January 23, 2015

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

```
#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 1?

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;
}
```

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5. Use the following space for notes on the Visual Studio demonstration. (Note that a detailed description of how to create a new project is included with the Program 1 specification.)