

EE 251: Homework 1

1. Write a program the adds the numbers from 0 to 10 using a for loop. The program needs to display the summed output to the screen. Make sure you comment your code.

2. Given the program below

```
1 #include<stdio.h>
2
3 int main(){
4     int i;
5
6     for (i=0; i<=5; i=i+1)
7     {
8         printf("i is %d\n", i);
9     }
10    return 0;
11 }
```

- (a) What will this program do?
 - (b) What would the output be if there is a semicolon at the end of line 6. Explain why.
3. Write a program that displays the numbers starting from 10 down to 1.
 4. Write a program using a for loop to display the hex value of the letters starting from A to Z. You need only one variable in the entire program and one printf statement. The output of the program should look like

the letter _ is 0x__ in hex