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CMSC 21 Assignment No. 1

1.

```c
1    #include <stdio.h>
2
3    int main(void){
4
5        /*display output*/
6
7        printf("In C, lowercase letters are significant \n");
8        printf("main is where the program execution begins \n");
9        printf("Opening and closing braces enclose program statements in a routine \n");
10       printf("All program statements must be terminated by a semicolon \n");
11
12   }
13
14
```

2. The output of the code is

Testing…….1…2..3

3.

```c
1   #include <stdio.h>
2
3   int main (void){
4
5       //declare variables
6       int x, y, difference;
7
8       //assign values to the variables
9       x = 87;
10      y = 15;
11      difference = x - y;
12
13      //print result
14      printf("The difference between %d and %d is %d.", x, y, difference);
15
16
17  }
18
```

4.

```c
1   #include <stdio.h>
2
3   int main (void){
4
5       int sum;
6
7       /* compute result */
8       sum = 25 + 47 - 19;
9
10      /*display results */
11      printf ("The answer is %d\n", sum);
12      return 0;
13
14  }
```

5.

There will be an error when running the code because a semi-colon is missing in Line 4. But if we put a semi-colon there, the output will be 95.