1.

```
1    #include <stdio.h>
2
3  ∨ int main(void)
4    {
5        printf("In C, lowercase letters are significant.\n");
6        printf("main is where program execution begins.\n");
7        printf("Opening and closing braces enclose program statements in a routine.\n");
8        printf("All program statements must be terminated by a semicolon.\n");
9
10       return 0;
11   }
```

OUTPUT   TERMINAL   DEBUG CONSOLE

Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\admin\Desktop\UP Class 2nd sem\CMSC 21\C Language> cd "c:\Users\admin\Desktop\UP Class 2nd sem\CMSC 21\C Language\" ; if ($?) { gcc test4.c -o test4 } ; if ($?) { .\test4 }
In C, lowercase letters are significant.
main is where program execution begins.
Opening and closing braces enclose program statements in a routine.
All program statements must be terminated by a semicolon.
PS C:\Users\admin\Desktop\UP Class 2nd sem\CMSC 21\C Language>

2. Testing.......1...2..3

3.

```
C Language > C test6.c > ⊙ main(void)
  1    #include <stdio.h>
  2
  3    int main(void)
  4    {
  5        int difference;
  6
  7        difference = 15 - 87;
  8        printf("The difference of 15 and 87 is %d", difference);
  9
 10        return 0;
 11    }
```

OUTPUT   TERMINAL   DEBUG CONSOLE

```
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PS C:\Users\admin\Desktop\UP Class 2nd sem\CMSC 21\C Language> cd "c:\Users\admin\Desktop\UP Class 2nd sem\CMSC 21\C Language\" ; if ($?) { gcc test6.c -o test6 } ; if ($?) { .\test6 }
The difference of 15 and 87 is -72
PS C:\Users\admin\Desktop\UP Class 2nd sem\CMSC 21\C Language>
```

4

Errors:

line number 2 from the function, it should be void instead of Void because it is case sensitive.

Line number 3 there should be { there to enclose the block of your program statement.

From the INT sum, the INT there should be int because the program is case sensitive

From /* COMPUTE RESULT, it should be // COMPUTE RESULT or /*COMPUTE RESULT

From the sum = 25 + 37 – 19 there should be a semicolon at the end of it like this sum = 25 + 37 - 19;

From the /* DISPLAY RESULTS // it should be /* DISPLAY RESULTS */

From the printf ("The answer is %i\n" sum); there should be a comma after the quotation.

5.

There's a dot instead of semicolon after the value 100 so the output is error but if it is correct the output will be The result is 95