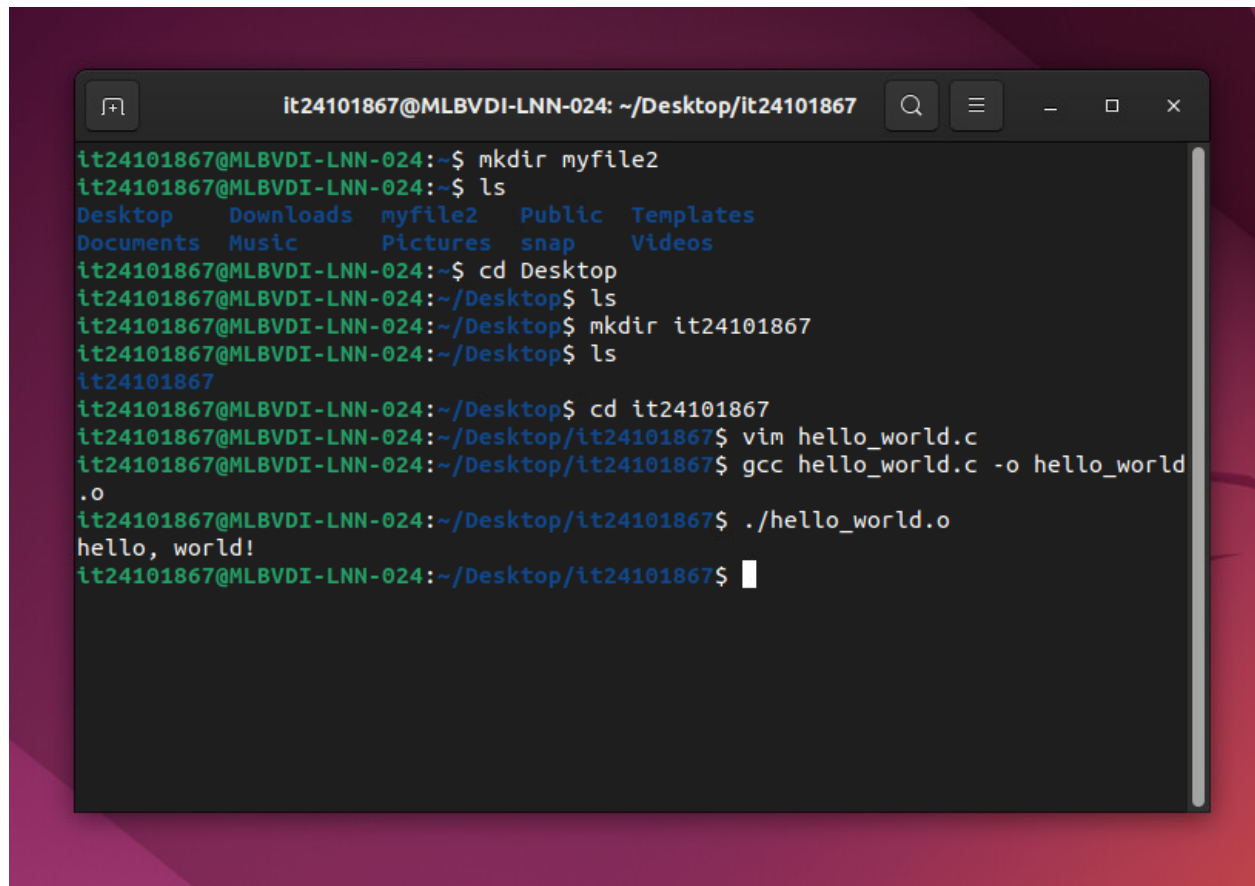


The screenshot shows a terminal window with a dark background. The title bar at the top reads "it24101867@MLBVDI-LNN-024: ~/Desktop/it24101867". The terminal contains the following C code:

```
#include <stdio.h>

int main() {
    printf("hello, world!\n");
    return 0;
}
```

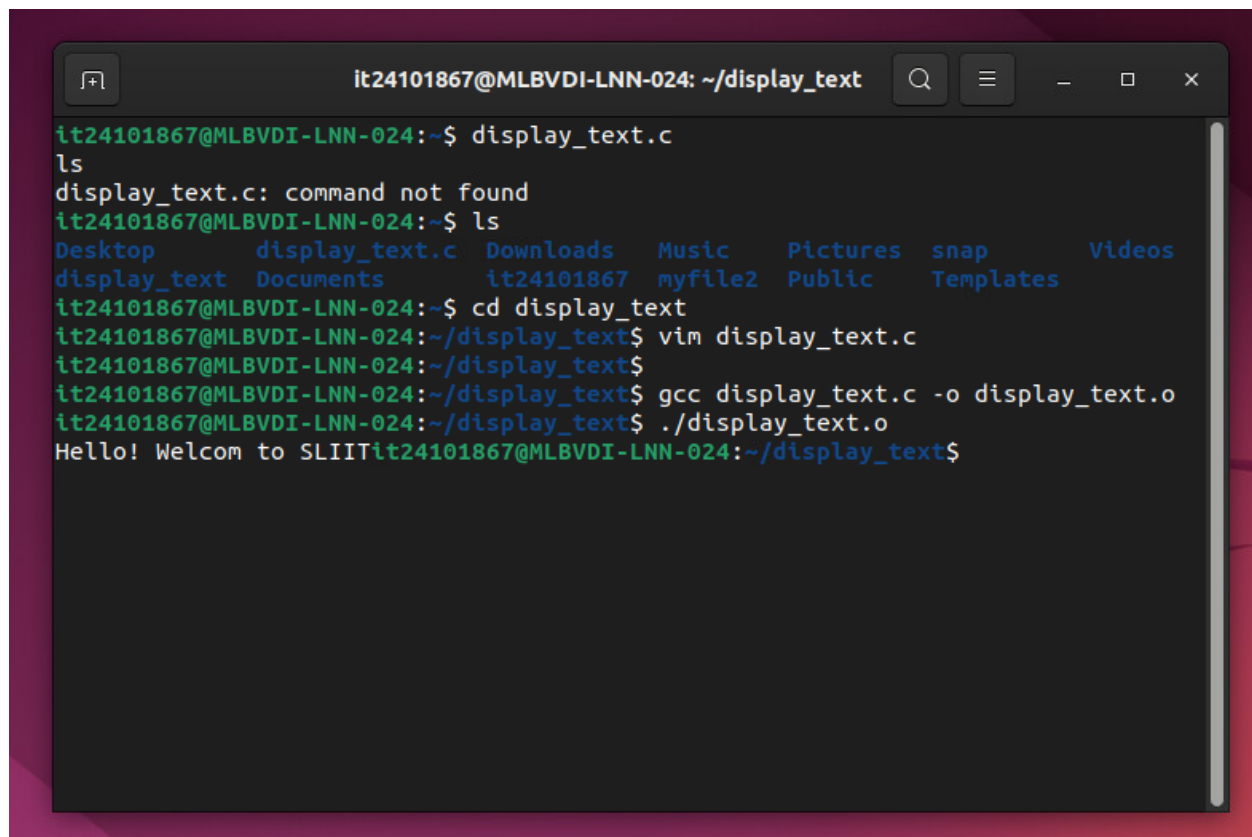
Below the code, there are several tilde (~) characters, likely representing a scrollback buffer or a series of prompt characters. At the bottom of the terminal, the text "-- INSERT --" is visible on the left, and "4,16-23" and "All" are visible on the right, indicating the current cursor position and search results.



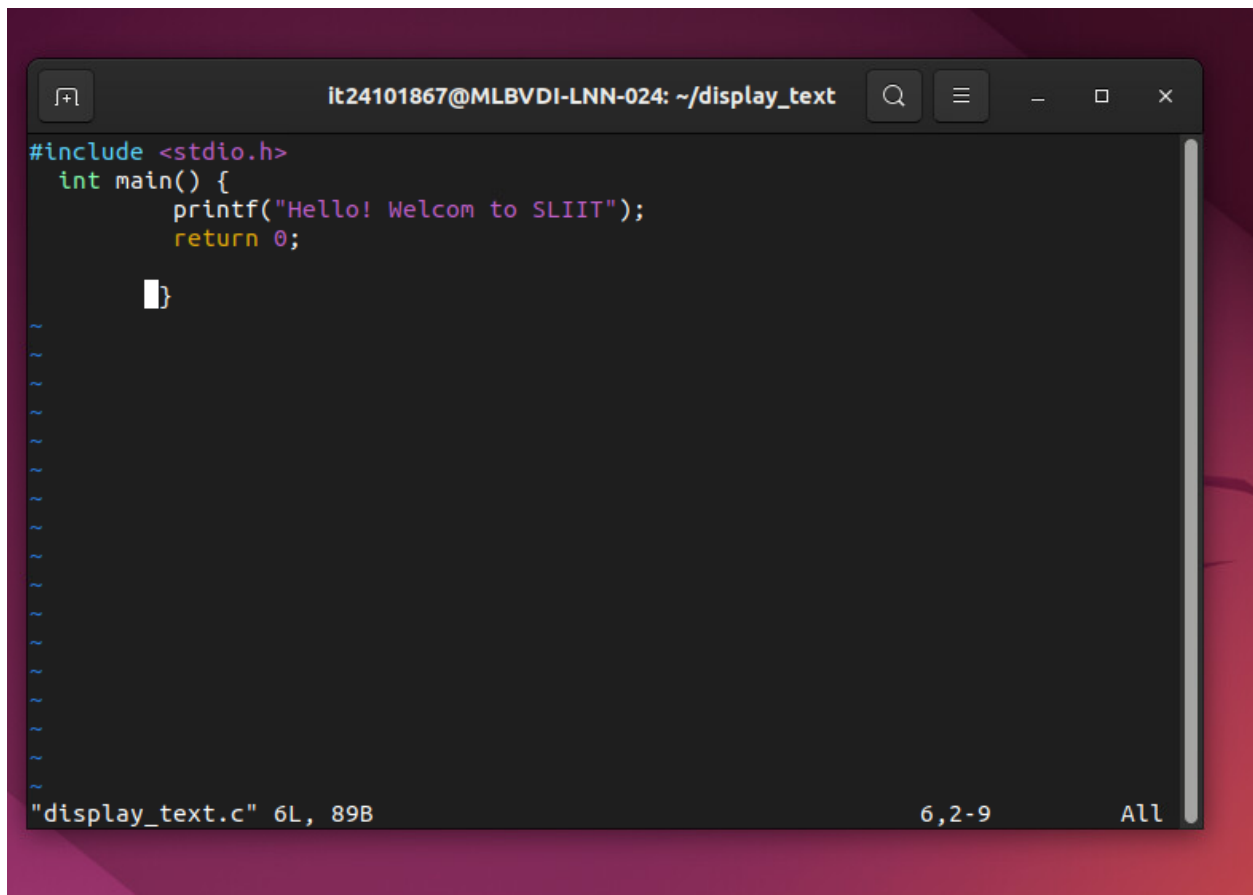
```
it24101867@MLBVDI-LNN-024: ~/Desktop/it24101867
it24101867@MLBVDI-LNN-024:~$ mkdir myfile2
it24101867@MLBVDI-LNN-024:~$ ls
Desktop  Downloads  myfile2    Public  Templates
Documents Music      Pictures   snap    Videos
it24101867@MLBVDI-LNN-024:~$ cd Desktop
it24101867@MLBVDI-LNN-024:~/Desktop$ ls
it24101867@MLBVDI-LNN-024:~/Desktop$ mkdir it24101867
it24101867@MLBVDI-LNN-024:~/Desktop$ ls
it24101867
it24101867@MLBVDI-LNN-024:~/Desktop$ cd it24101867
it24101867@MLBVDI-LNN-024:~/Desktop/it24101867$ vim hello_world.c
it24101867@MLBVDI-LNN-024:~/Desktop/it24101867$ gcc hello_world.c -o hello_world
.o
it24101867@MLBVDI-LNN-024:~/Desktop/it24101867$ ./hello_world.o
hello, world!
it24101867@MLBVDI-LNN-024:~/Desktop/it24101867$
```

Activity1

(1)



```
it24101867@MLBVDI-LNN-024: ~/display_text
ls
display_text.c: command not found
it24101867@MLBVDI-LNN-024:~$ ls
Desktop      display_text.c  Downloads      Music      Pictures      snap      Videos
display_text Documents       it24101867     myfile2    Public        Templates
it24101867@MLBVDI-LNN-024:~$ cd display_text
it24101867@MLBVDI-LNN-024:~/display_text$ vim display_text.c
it24101867@MLBVDI-LNN-024:~/display_text$
it24101867@MLBVDI-LNN-024:~/display_text$ gcc display_text.c -o display_text.o
it24101867@MLBVDI-LNN-024:~/display_text$ ./display_text.o
Hello! Welcom to SLIITit24101867@MLBVDI-LNN-024:~/display_text$
```



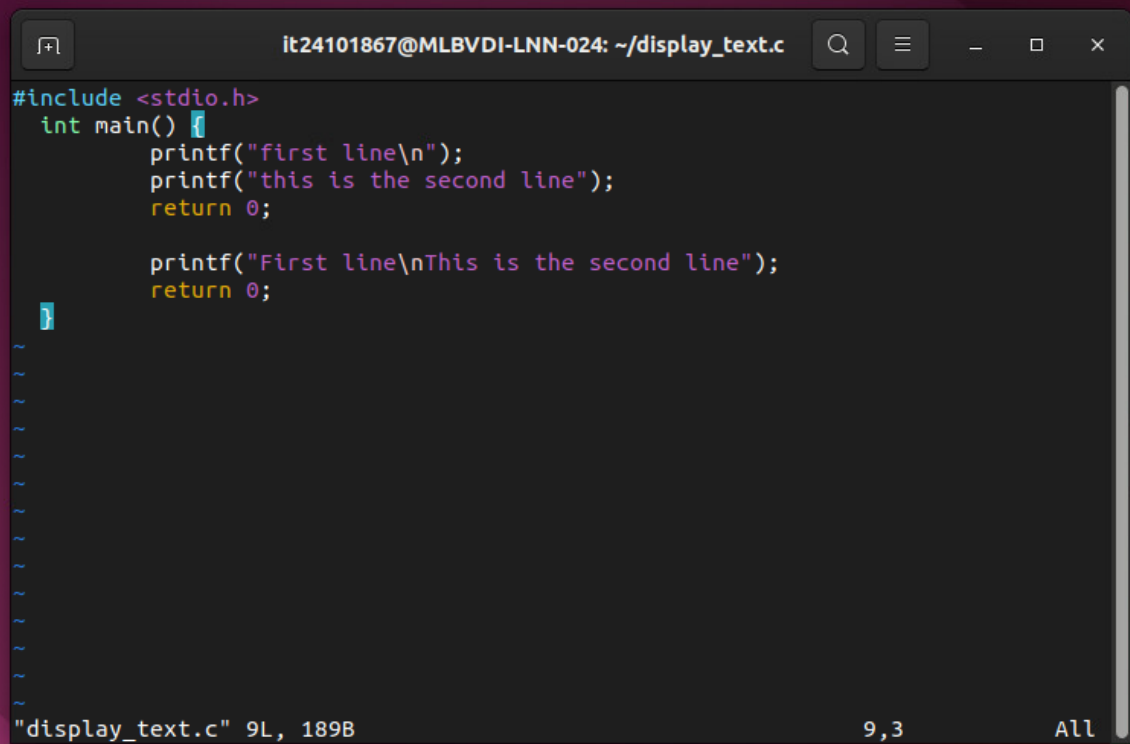
The image shows a terminal window with a dark background. The title bar at the top reads "it24101867@MLBVDI-LNN-024: ~/display\_text". The terminal contains the following C code:

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

Below the code, there are several tilde (~) characters. At the bottom of the terminal, the status bar shows: "display\_text.c" 6L, 89B 6,2-9 All.

(2)

```
it24101867@MLBVDI-LNN-024: ~/display_text.c
it24101867@MLBVDI-LNN-024:~$ mkdir display_text.c
mkdir: cannot create directory 'display_text.c': File exists
it24101867@MLBVDI-LNN-024:~$ ls
Desktop      display_text.c  Downloads  Music      Pictures  snap      Videos
display_text Documents      it24101867 myfile2    Public    Templates
it24101867@MLBVDI-LNN-024:~$ cd display_text.c
it24101867@MLBVDI-LNN-024:~/display_text.c$ vim display_text.c
it24101867@MLBVDI-LNN-024:~/display_text.c$ gcc display_text.c -o display_text.o
gcc: error: unrecognized command-line option '-o'
it24101867@MLBVDI-LNN-024:~/display_text.c$ gcc display_text.c -o display_text.o
it24101867@MLBVDI-LNN-024:~/display_text.c$ ./display_text.o
first line
this is the second lineit24101867@MLBVDI-LNN-024:~/display_text.c$
```



The image shows a code editor window with a dark theme. The title bar at the top reads "it24101867@MLBVDI-LNN-024: ~/display\_text.c". The editor contains the following C code:

```
#include <stdio.h>
int main() {
    printf("first line\n");
    printf("this is the second line");
    return 0;

    printf("First line\nThis is the second line");
    return 0;
}
```

On the left side of the editor, there is a vertical list of tilde (~) characters, with the first one highlighted in blue. At the bottom of the window, a status bar displays the file name and line count: "display\_text.c" 9L, 189B. On the right side of the status bar, the text "9,3" and "All" are visible.

```
it24101867@MLBVDI-LNN-024: ~/display_text.c
it24101867@MLBVDI-LNN-024:~$ ls
Desktop  Downloads  Music  Pictures  snap  Videos
Documents  it24101867  myfile2  Public  Templates
it24101867@MLBVDI-LNN-024:~$ mkdir display_text
it24101867@MLBVDI-LNN-024:~$ cd display_text
bash: cd: display_text: No such file or directory
it24101867@MLBVDI-LNN-024:~$ ls
Desktop  Documents  it24101867  myfile2  Public  Templates
display_text.c  Downloads  Music  Pictures  snap  Videos
it24101867@MLBVDI-LNN-024:~$ cd display_text.c
it24101867@MLBVDI-LNN-024:~/display_text.c$ vim display_text.c
it24101867@MLBVDI-LNN-024:~/display_text.c$ gcc display_text.c -o display_text.o
it24101867@MLBVDI-LNN-024:~/display_text.c$ ./display_text.o
bash: ./: Is a directory
it24101867@MLBVDI-LNN-024:~/display_text.c$ ./display_text.o
bash: ./display_text.o: No such file or directory
it24101867@MLBVDI-LNN-024:~/display_text.c$ ./display_text.o
first line
this is the second lineit24101867@MLBVDI-LNN-024:~/display_text.c$
```

(3)

main.c	Output
<pre>1 #include &lt;stdio.h&gt; 2 3 int main() { 4     printf("  *  \n"); 5     printf(" * * \n"); 6     printf(" * * \n"); 7     printf(" * * \n"); 8     printf(" * * \n"); 9     printf(" * * \n"); 10    printf(" * * \n"); 11    printf(" * * \n"); 12    printf(" *  \n"); 13    return 0; 14 }</pre>	<pre>/tmp/Riv40DpYLA.o   *  * *  * *  * *  * *  * *  * *  * === Code Execution Successful ===</pre>

Activity 2

main.c		Output
<pre>1 #include &lt;stdio.h&gt; 2 3 int main() { 4     float height1, height2, height3, average, total, missing1,       missing2; 5 6     printf("Enter the heights of 3 known people: "); 7     scanf("%f %f %f", &amp;height1, &amp;height2, &amp;height3); 8 9     printf("Enter the average height:"); 10    scanf("%f", &amp;average ); 11    // 2 missing heights'average is = sum 12    float sum = missing1+missing2; 13 14    printf("Enter the total average of 5 people: "); 15    scanf("%f",total ); 16 17    float ('sum'/2) + average = total; 18    printf("sum"); 19    return 0; 20 }</pre>	<p>ERROR!</p> <p>/tmp/VQtdew5tRa.c: In function 'main':</p> <p>/tmp/VQtdew5tRa.c:19:11: warning: multi-character character constant [ -Wmultichar]</p> <pre>19       float ('sum'/2) + average = total;                 ^~~~~</pre> <p>/tmp/VQtdew5tRa.c:19:11: error: expected identifier or '(' before '\x73756d'</p> <p>=== Code Exited With Errors ===</p>	