

PARUL INSTITUTE OF ENGINEERING & TECHNOLOGY

SEM-1, YEAR-1ST

B. TECH-CSE AI - 19(A)

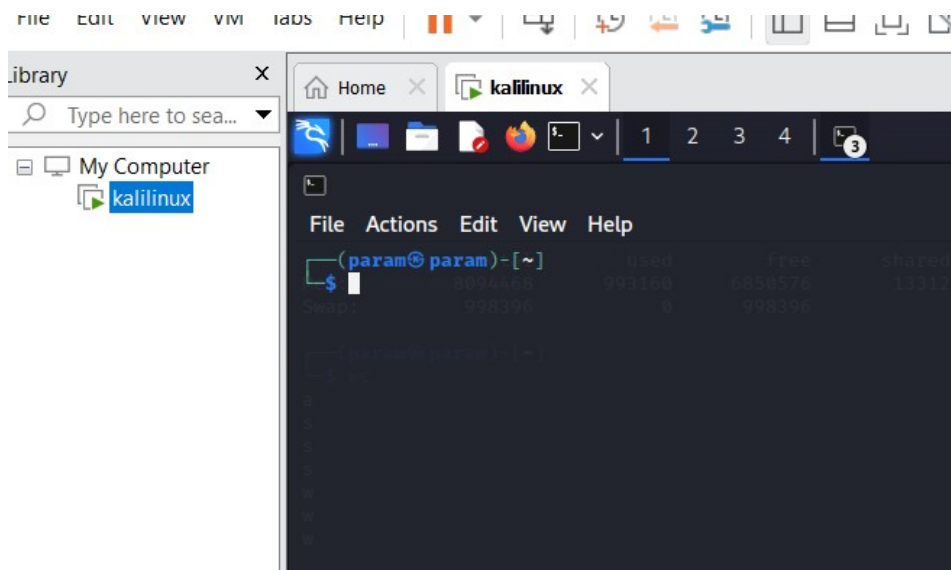
TEMP ID: 23UG034991

Practical 2

AIM: Execute C Program using gcc compiler.

Step 1. Open up a terminal

Search for the terminal application in the Dash tool



Step 2. Use a text editor to create the C source code.

Type the command

```
gedit hello.c
```

and enter the C source code below:

```
#include <stdio.h>
```

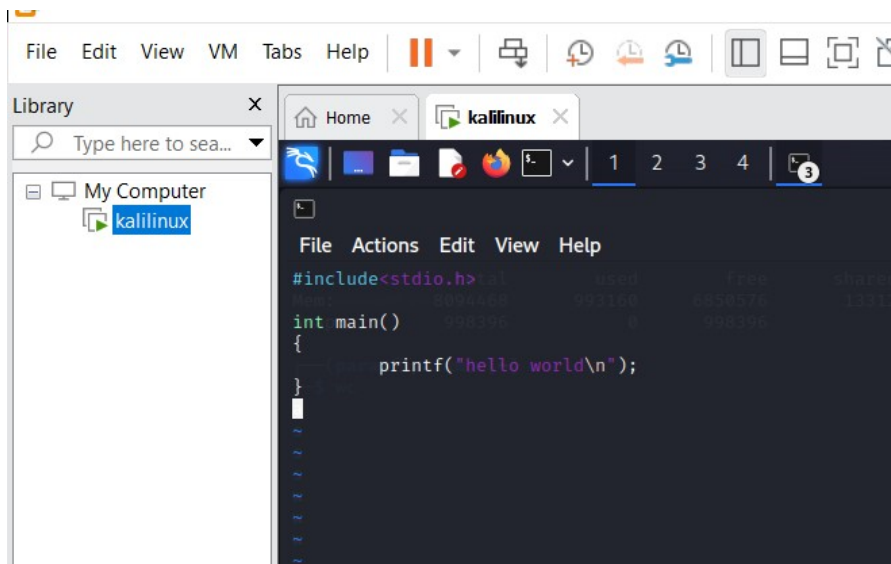
```
main()
```

```
{
```

```
printf("Hello World\n");
```

```
}
```

Close the editor window.

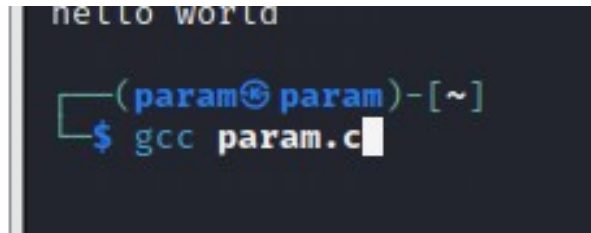


Step 3. Compile the program.

Type the command

```
gcc -o hello hello.c
```

This command will invoke the GNU C compiler to compile the file `hello.c` and output `(-o)` the result to an executable called `hello`.

A terminal window with a dark background. The prompt is `(param@param)-[~]`. The user has entered the command `$ gcc param.c` and the cursor is at the end of the line.

```
(param@param)-[~]  
$ gcc param.c
```

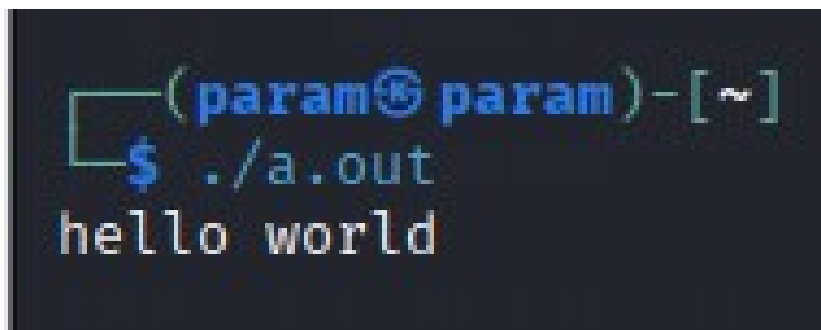
Step 4. Execute the program.

Type the command

`./hello`

This should result in the output

`HelloWorld`

A terminal window with a dark background. The prompt is `(param@param)-[~]`. The user has entered the command `$./a.out` and the output `hello world` is displayed on the next line.

```
(param@param)-[~]  
$ ./a.out  
hello world
```

