Aim: Write any two C programs in VI editor:

Output:

```
#include<stdio.h>
void main(){
printf("Hello World\n");
}
```

Code File: hello.c

```
pratyay@pratyay-RO
pratyay@pratyay-ROG-Strix-G531GT:~/Study/IT-3rd-year-notes/6th Sem/Linux/7$ vi hello.c
pratyay@pratyay-ROG-Strix-G531GT:~/Study/IT-3rd-year-notes/6th Sem/Linux/7$ gcc hello.c
pratyay@pratyay-ROG-Strix-G531GT:~/Study/IT-3rd-year-notes/6th Sem/Linux/7$ ./a.out
Hello World
```

Output: hello.c

```
#include<stdio.h>
void main(){
  int age;
printf("Enter your age: ");
scanf("%d",&age);

if(age>18){
   printf("Drink waterrrrr");
}else{
   printf("Drink Milk");
}
}
```

Code: choices.c

Practical No. 06

Aim: Write any two C program in vi editor.

Theory:

In order to run C program in Linux using vi editor you will need a C program. sudo apt install gcc.

Now, open terminal and do following:

i) Open terminal and vi file name.c command.

ii) To edit the file press 'i' key and write down the program.

iii) To save the file, press esc button and type :wg:

:w — Save

:q — exit

:wg — Save and exit.

iv) To compile the cfile, type 'gcc filename.c'

v) To run the C program, type './a.out'

Program:

hello.c

```c
#include <stdio.h>

void main() {
    printf("Hello world");
}
```

```
pratyay@pratyay-ROG-S
pratyay@pratyay-ROG-Strix-GS31GT:~/Study/IT-3rd-year-notes/6th Sem/Linux/7$ gcc choices.c
pratyay@pratyay-ROG-Strix-GS31GT:~/Study/IT-3rd-year-notes/6th Sem/Linux/7$ ./a.out
Enter your age: 19
Drink waterrrrr
pratyay@pratyay-ROG-Strix-GS31GT:~/Study/IT-3rd-year-notes/6th Sem/Linux/7$ ./a.out
Enter your age: 9
Drink Milk
```

Output: Choices.c

Conclusion:

Hence, I used VI editor to develop and debug code and used gcc compiler to compile the code and executed it.

Program :

```c
#include<stdio.h>

void main(){
    int age;
    printf("Enter your age : ");
    scanf("%d", &age);

    if(age > 18){
        printf(" Drink water!");
    } else {
        printf(" Drink Milk");
    }
}
```

Conclusion :

Hence, I used vi editor to develop and debug files code and use gcc compiler to compile the code and executed it.