

EX.No: 2
Date: 08/09/20

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MakeFile Command

Code:

Main.c

```
#include<stdio.h>

#include "functions.h"

int main(){

int a,b;

welcome();

printf("\nenter two numbers:");

scanf("%d %d",&a,&b);

int add=addition(a,b);

printf("\nAdding two number a + b:%d",add);

printf("\n");

}
```

Functions.h

```
void welcome();

int addition(int a, int b);

welcome.c

#include<stdio.h>

#include "functions.h"

void welcome(){

printf("\nWelcome!!");

}
```

Add.c

```
#include<stdio.h>

#include "functions.h"

int addition(int a,int b){

int sum=a+b;

return sum;

}
```

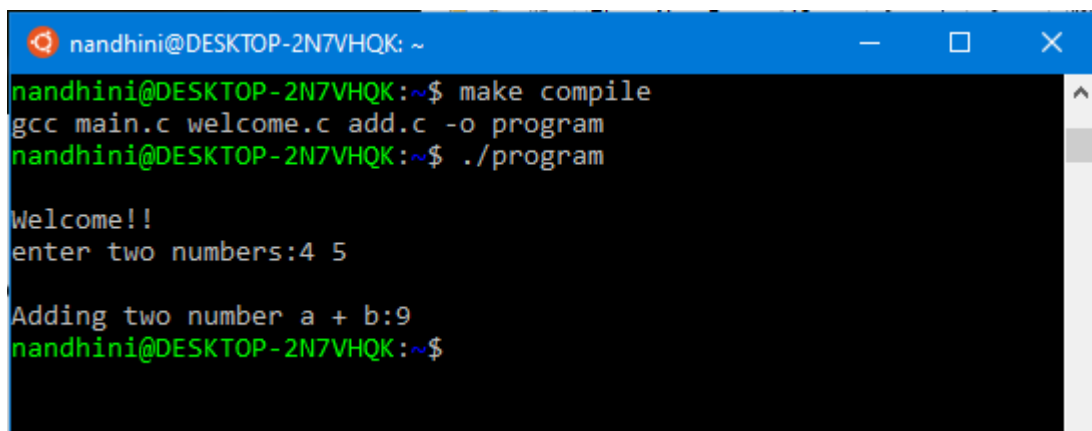
Makefile

all:

compile:

gcc main.c welcome.c add.c -o program

Output:

A screenshot of a Linux terminal window. The window title is 'nandhini@DESKTOP-2N7VHQK: ~'. The terminal shows the following commands and output: 1. Command: 'make compile'. Output: 'gcc main.c welcome.c add.c -o program'. 2. Command: './program'. Output: 'Welcome!!', 'enter two numbers:4 5', and 'Adding two number a + b:9'. The prompt 'nandhini@DESKTOP-2N7VHQK:~\$' is visible at the end of each command line.

```
nandhini@DESKTOP-2N7VHQK: ~
nandhini@DESKTOP-2N7VHQK:~$ make compile
gcc main.c welcome.c add.c -o program
nandhini@DESKTOP-2N7VHQK:~$ ./program

Welcome!!
enter two numbers:4 5

Adding two number a + b:9
nandhini@DESKTOP-2N7VHQK:~$
```