

2) WAP to define a function in directives.

⇒ # include < stdio.h >

define MAX(a, b) ((a) > (b)) ? (a) : (b)
int main() {
 int num1 = 5, num2 = 12;

printf("Square of %.d = %.d\n", num1, SQUARE(num1));
printf("Maximum of %.d and %.d\n", num1, num2,
 MAX(num1, num2));

return 0;

}

Remarks:

Teacher's Signature _____

A screenshot of a computer screen showing a code editor interface. The editor is displaying a C programming project named 'C PROGRAMMING PROJECT.c'. The code includes defines for MAX and SQUARE, and a main function that prints the square of 3, the maximum of 3 and 12, and the square of 12. The terminal below shows the execution of the code, resulting in output: 'Square of 3 = 9\nMaximum of 3 and 12 is 12'. The interface includes a sidebar with icons for file operations, a search bar at the top right, and various status indicators and buttons.

```
#include <stdio.h>

#define MAX(a, b) ((a) > (b) ? (a) : (b))
#define SQUARE(x) ((x) * (x))

int main() {
    int num1 = 5, num2 = 12;

    printf("Square of %d = %d\n", num1, SQUARE(num1));
    printf("Maximum of %d and %d is %d\n", num1, num2, MAX(num1, num2));

    return 0;
}
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
cd "/Users/rajatsingh/" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "/Users/rajatsingh/"tempCodeRunnerFile
● rajatsingh@rajats-MacBook-Air ~ % cd "/Users/rajatsingh/" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "/Users/rajatsingh/"tempCodeRunnerFile
Square of 3 = 9
Maximum of 3 and 12 is 12
● rajatsingh@rajats-MacBook-Air ~ %
```

Add Context...
Add context (#), external
Agent Auto