



EXPLORER

OPEN EDITORS

X C main.c M

MAIN.C

> .vscode

> main.dSYM

C #include <stdio.h>

≡ a.out

C hello.c

≡ main

C main.c M

≡ tempCodeRunnerFile

≡ Untitled-1

C main.c M X

C main.c > ...

```
1  #include <stdio.h>
2
3  union Address {
4      char name[50];
5      char home_address[100];
6      char hostel_address[100];
7      char city[50];
8      char state[50];
9      char zip[10];
10 };
11
12 int main() {
13     union Address addr;
14
15     printf("Enter your Name: ");
16     scanf("%s", addr.name);
17     printf("Name: %s\n", addr.name);
18
19     printf("\nEnter your Home Address: ");
20     scanf("%s", addr.home_address);
21     printf("Home Address: %s\n", addr.home_address);
22
23     printf("\nEnter your City: ");
24     scanf("%s", addr.city);
25     printf("City: %s\n", addr.city);
26
27
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
Enter your Home Address: 12 gomti nagar
Home Address: 12 gomti nagar
```

```
Enter your City: Lucknow
City: Lucknow
```

```
Enter your State: Uttar pradesh
State: Uttar pradesh
```

```
Enter your ZIP Code: 226028
ZIP: 226028
```

Ln 2, Col 1 Spaces:

F1

F2

F3

F4

F5

F6

F7

F8

F9

F10

Experiment 7.4

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

```
union Address {
    char name [50];
    char home_address [100];
    char hostel_address [100];
    char city [50];
    char state [50];
    char zip [10];
};
```

```
int main () {
    union address addr;
```

```
    strcpy (addr.hostel_address, "Room 210, Block B, Sunrise
    Hostel");
```

```
    printf ("Your present address is: \n");
    printf ("%s\n", addr.hostel_address);
```

```
    return 0;
```

```
}
```