

Go Run Terminal Window Help

← →

main.c

EXPLORER

PEN 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(" %[^\n]", addr.name);
17     printf("Name: %s\n", addr.name);
18
19     printf("\nEnter your Home Address: ");
20     scanf(" %[^\n]", addr.home_address);
21     printf("Home Address: %s\n", addr.home_address);
22
23     printf("\nEnter your City: ");
24     scanf(" %[^\n]", 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:



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;
```

```
}
```

Teacher's Signature _____