

```
C exp7address.c > main()
1
2 #include <stdio.h>
3 #include <string.h>
4
5 union Address {
6     char name[50];
7     char home_address[100];
8     char hostel_address[100];
9     char city[50];
10    char state[50];
11    char zip[10];
12 };
13
14 int main() {
15     union Address addr;
16     strcpy(addr.name, "Aagya Abigail Rai");
17     printf("Name: %s\n", addr.name);
18
19     strcpy(addr.home_address, "Jorebunglow,Darjeeling,West Bengal");
20     printf("Home Address: %s\n", addr.home_address);
21
22
23     return 0;
24 }
25
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE PORTS

```
PS C:\Users\abiga\OneDrive\Desktop\Absproj> cd "c:\Users\abiga\OneDrive\Desktop\Absproj\" ; if ($?) { gcc exp7address.c -o exp7address } ; if ($?) { .\exp7address }
Name: Aagya Abigail Rai
Home Address: Jorebunglow,Darjeeling,West Bengal
PS C:\Users\abiga\OneDrive\Desktop\Absproj>
```

Create a union containing 6 strings: name, home-address, hostel-address, city, state and zip. Write a C program to display your present address.

```
#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 add;
    strcpy (add.name, "Aanya Abigail Rai");
    printf ("Name : %s \n", add.name);
    strcpy (add.home-address, "Jorebunglow, Darjeeling, West Bengal");
    printf ("Home address : %s \n", add.home-address);
    return 0;
}
```