

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 addr;
```

```
    strcpy (addr.name, "Aanya Abigail Rai");
```

```
    printf ("Name: %s\n", addr.name);
```

```
    strcpy (addr.home-address, "Toraburjow, Darjeeling, West Bengal");
```

```
    printf ("Home address: %s\n", addr.home-address);
```

```
    return 0;
```

```
}
```