

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

```
struct Address {
    char name [50];
    char home-address [100];
    char hostel-address [100];
    char city [50];
    char state [50];
    char zip [10];
};
```

```
int main() {
    struct Address addr;
    printf ("Enter your name : ");
    fgets (addr.name, sizeof (addr.name), stdin);
    addr.name [strcspn (addr.name, "\n")] = '\0';
    printf ("Enter your home address : ");
    fgets (addr.home-address, sizeof (addr.home-address),
           stdin);
    addr.home-address [strcspn (addr.home-address,
                                 "\n")] = '\0';
    printf ("Enter your hostel address (Present
            Address) : ");
    fgets (addr.hostel-address, sizeof (addr.hostel-address),
           stdin);
```

Teacher's Signature:

addr.hostel-address [strcspn (addr.hostel-address, "\n")] = '\0';

printf ("Enter your city: ");
fgets (addr.city, sizeof(addr.city), stdin);
addr.city [strcspn (addr.city, "\n")] = '\0';

printf ("Enter your state: ");
fgets (addr.state, sizeof(addr.state), stdin);
addr.state [strcspn (addr.state, "\n")] = '\0';

printf ("Enter your ZIP: ");
fgets (addr.ZIP, sizeof(addr.ZIP), stdin);
addr.ZIP [strcspn (addr.ZIP, "\n")] = '\0';

printf ("\n ----- Address Details ----- \n");
printf ("Name : %s \n", addr.name);
printf ("Home Address : %s \n", addr.home_address);
printf ("Hostel Address : %s \n", addr.hostel_address);
printf ("City : %s \n", addr.city);
printf ("State : %s \n", addr.state);
printf ("ZIP: %s \n", addr.ZIP);

return 0;

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main.c

```
1 #include <stdio.h>
2 #include <string.h>
3 struct 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 int main() {
12     struct Address addr;
13
14     printf("Enter your name: ");
15     fgets(addr.name, sizeof(addr.name), stdin);
16     addr.name[strcspn(addr.name, "\n")] = '\0';
17
18     printf("Enter your home address: ");
19     fgets(addr.home_address, sizeof(addr.home_address), stdin);
20     addr.home_address[strcspn(addr.home_address, "\n")] = '\0';
21
22     printf("Enter your hostel address (Present Address): ");
23     fgets(addr.hostel_address, sizeof(addr.hostel_address), stdin);
24     addr.hostel_address[strcspn(addr.hostel_address, "\n")] = '\0';
```

Output

Clear

```
Enter your name: NEHA RATHI
Enter your home address: FORBESGANJ
Enter your hostel address (Present Address): PLOT 19/20 , 32 BIGHA BHIDOLI
Enter your city: DEHRADUN
Enter your state: UTTRAKHAND
Enter your ZIP: 248007

----- Address Details -----
Name: NEHA RATHI
Home Address: FORBESGANJ
Hostel Address: PLOT 19/20 , 32 BIGHA BHIDOLI
City: DEHRADUN
State: UTTRAKHAND
ZIP: 248007

==== Code Execution Successful ===
```

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main.c

```
24     addr.hostel_address[strcspn(addr.hostel_address, "\n")] = '\0'; * Enter your name: NEHA RATHI
25
26     printf("Enter your city: ");
27     fgets(addr.city, sizeof(addr.city), stdin);
28     addr.city[strcspn(addr.city, "\n")] = '\0';
29
30     printf("Enter your state: ");
31     fgets(addr.state, sizeof(addr.state), stdin);
32     addr.state[strcspn(addr.state, "\n")] = '\0';
33
34     printf("Enter your ZIP: ");
35     fgets(addr.zip, sizeof(addr.zip), stdin);
36     addr.zip[strcspn(addr.zip, "\n")] = '\0';
37
38
39     printf("\n----- Address Details -----");
40     printf("Name: %s\n", addr.name);
41     printf("Home Address: %s\n", addr.home_address);
42     printf("Hostel Address: %s\n", addr.hostel_address);
43     printf("City: %s\n", addr.city);
44     printf("State: %s\n", addr.state);
45     printf("ZIP: %s\n", addr.zip);
46
47     return 0;
```

Output

```
----- Address Details -----
Name: NEHA RATHI
Home Address: FORBESGANJ
Hostel Address: PLOT 19/20 , 32 BIGHA BHIDOLI
City: DEHRADUN
State: UTTRAKHAND
ZIP: 248007

==== Code Execution Successful ===
```

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