

4) ~~the~~ 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>
union Address {
```

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

```
};
```

```
int main main() {
    union Address add;
    printf("Enter your present (hostel) address: ");
    scanf("%s", add.hostel-address);
    printf("\n --- Present Address --- \n");
    printf("%s", add.hostel-address);

    return 0;
```

```
}
```

Remarks:

Teacher's Signature _____

Programiz
Online Compiler

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 present (hostel) address: ");
16     scanf("%s", addr.hostel_address);
17
18     printf("\nPresent address ---\n");
19     printf("%s\n", addr.hostel_address);
20
21     return 0;
22 }
```

Output

Enter your present (hostel) address: UPES , BIDHOLI , DEHRADUN

Present address ---
UPES , BIDHOLI , DEHRADUN

=== Code Execution Successful ===