

Question No-4:

//Program to find the older between two friends

```
#include<stdio.h>

int main()
{
    char n1[50],n2[50];
    printf("Enter a Name :");
    scanf("%[^\\n]",&n1);
    printf("Enter another Name :");
    fflush(stdin);
    scanf("%[^\\n]",&n2);
    int age1,age2;
    age1=age2=0;
    printf("Enter %s Age :",n1);
    scanf("%d",&age1);
    printf("Enter %s Age :",n2);
    scanf("%d",&age2);
    if(age1>age2)
        printf("%s is older than %s",n1,n2);
    else if(age1==age2)
        printf("\\Both are at Same Age\\");
    else
        printf("%s is older than %s",n2,n1);
    return 0;
}
```

Test case1:

```
C:\Users\hp\lab.c\004_frnds.e X + v
Enter a Name :Ravi Kumar
Enter another Name :Satya Dev
Enter Ravi Kumar Age :56
Enter Satya Dev Age :48
Ravi Kumar is older than Satya Dev
Process returned 0 (0x0)  execution time : 17.188 s
Press any key to continue.
```

Test case2:

```
C:\Users\hp\lab.c\004_frnds.e X + v
Enter a Name :Ravi Kumar
Enter another Name :Satya Dev
Enter Ravi Kumar Age :45
Enter Satya Dev Age :45
"Both are at Same Age"
Process returned 0 (0x0)  execution time : 19.165 s
Press any key to continue.
|
```

Test case3:

```
C:\Users\hp\lab.c\004_frnds.e X + v
Enter a Name :Ravi Kumar
Enter another Name :Satya Dev
Enter Ravi Kumar Age :48
Enter Satya Dev Age :52
Satya Dev is older than Ravi Kumar
Process returned 0 (0x0)  execution time : 22.522 s
Press any key to continue.
```