

Q6.) WAP that checks whether the two numbers entered by the user are equal or not.

step - 1

```
a = 45
```

```
b = 76
```

```
a == b
```

step - 2

```
int a = 45;
```

```
int b = 76;
```

```
a == b;
```

```
1 //step 3
2
3 #include <stdio.h>
4
5 int main()
6 {
7     int a = 45;
8     int b = 76;
9
10    if (a == b)
11    {
12        printf("a is equal to b\n");
13    }
14    else
15    {
16        printf("a is not equal to b\n");
17    }
18
19    return 0;
20 }
21
```

```
1 //step 4
2
3 #include <stdio.h>
4
5 int main()
6 {
7     int first_number = 45;
8     int second_number = 76;
9
10    if (first_number == second_number)
11    {
12        printf("both the numbers are equal\n");
13    }
14    else
15    {
16        printf("both the numbers are not equal\n");
17    }
18
19    return 0;
20 }
21
```

```
1 //step 5
2
3 #include <stdio.h>
4
5 int main()
6 {
7     int first_number;
8     printf("Enter first number: ");
9     scanf("%d", &first_number);
10
11     int second_number;
12     printf("Enter second number: ");
13     scanf("%d", &second_number);
14
15     if (first_number == second_number)
16     {
17         printf("both the numbers are equal\n");
18     }
19     else
20     {
21         printf("both the numbers are not equal\n");
22     }
23
24     return 0;
25 }
26
```

```
1 //step 6
2
3 #include <stdio.h>
4
5 int main()
6 {
7     int first_number, second_number;
8
9     printf("Enter first number: ");
10    scanf("%d", &first_number);
11
12    printf("Enter second number: ");
13    scanf("%d", &second_number);
14
15    if (first_number == second_number)
16    {
17        printf("both the numbers are equal\n");
18    }
19    else
20    {
21        printf("both the numbers are not equal\n");
22    }
23
24    return 0;
25 }
26
```