

```
1
2
3  /*Write a program to swap two numbers using temporary variables*/
4  /*Write a program to swap two numbers using temporary variables*/
5
6  #include <stdio.h>
7  int main()
8  {
9      int a,b,swap;
10     printf("Enter the value of a:\n");
11     scanf("%d",&a);
12     printf("Enter the value of b:\n");
13     scanf("%d",&b);
14     printf("After swaping values");
15     swap=a;
16     a=b;
17     b=swap;
18     printf("a=%d b=%d",a,b);
19
20     return 0;
21 }
22
23
```

input

Enter the value of a:  
17  
Enter the value of b:  
30  
After swaping valuesa=30 b=17

...Program finished with exit code 0  
Press ENTER to exit console.

```
1  /*Write a program to swap two numbers without using temporary variables*/
2
3
4  #include <stdio.h>
5  int main()
6  {
7      int a=5,b=95,swap;
8      printf("After swaping values : ");
9      swap=a;
10     a=b;
11     b=swap;
12     printf("a=%d b=%d",a,b);
13
14     return 0;
15 }
16
17
```

input

After swaping values : a=95 b=5

...Program finished with exit code 0  
Press ENTER to exit console.

```
1
2  /*Write a program to check whether the given number is even or odd */
3
4  #include <stdio.h>
5  int main()
6  {
7      int n;
8      printf("enter any number : ");
9      scanf("%d",&n);
10     if(n%2==0)
11         printf("%d is even",n);
12     else
13         printf("%d is odd",n);
14
15     return 0;
16 }
17
18
```



input

```
enter any number : 13
13 is odd
```

```
...Program finished with exit code 0
Press ENTER to exit console.
```

```

1  /*Enter integer variables a,b,c,d .Evaluate the folowing expressions:
2  1.a+b-c+d
3  2.a*b/c+d
4  3.1+a*b%
5  4.a+d%b-c*/
6
7  #include<stdio.h>
8  int main()
9  {
10     int a,b,c,d,v1,v2,v3,v4;
11     printf("Enter four numbers:\n");
12     scanf("%d%d%d%d",&a,&b,&c,&d);
13     v1=a+b-c+d;
14     v2=a*b/c+d;
15     v3=1+a*b%c;
16     v4=a+d%b-c;
17     printf("v1=%d\nv2=%d\nv3=%d\nv4=%d\n",v1,v2,v3,v4);
18
19     return 0;
20 }
21

```



input

```

v1=40
v2=46
v3=21
v4=-20

```

```

...Program finished with exit code 0
Press ENTER to exit console.

```