```c
10
11  int main()
12  {
13
14      int a,b,s ,n;
15      n=1;
16      while(n==1)
17      {
18          printf("enter 2 numbers:");
19          scanf("%d %d",&a,&b);
20          printf("enter 1-addition 2-subtraction 3-multiplication  4-remainderr  5-quotient  6-greaterthan or eqaul  7-lesst
21          scanf("%d",&s);
22          switch(s)
23          {
24              case 1:
25              printf("%d + %d = %d",a,b,a+b);
26              break;
27              case 2:
28              printf("%d + %d = %d",a,b,a-b);
29              break;
30              case 3:
31              printf("%d + %d = %d",a,b,a*b);
32              break;
33              case 4:
34              printf("%d + %d = %d",a,b,a%b);
35              break;
36              case 5:
37
```

input

```
enter 2 numbers:23 45
enter 1-addition 2-subtraction 3-multiplication  4-remainderr  5-quotient  6-greaterthan or eqaul  7-lessthan or equal 8-greater than 9 -les
than10-equalto 7
trueenter 1 to continue 0 to exit0
```

```c
24          case 1:
25          printf("%d + %d = %d",a,b,a+b);
26          break;
27          case 2:
28          printf("%d + %d = %d",a,b,a-b);
29          break;
30          case 3:
31          printf("%d + %d = %d",a,b,a*b);
32          break;
33          case 4:
34          printf("%d + %d = %d",a,b,a%b);
35          break;
36          case 5:
37          printf("%d + %d = %d",a,b,a/b);
38          break;
39          case 6:
40          if (a>=b)
41          printf("true");
42          else
43          printf("false");
44          break;
45          case 7:
46          if (a<=b)
47          printf("true"); I
48          else
49          printf("false");
50
```

input

enter 2 numbers:23 45

Scanned with CamScanner

Language C

```c
53            case 8:
54            if (a>b)
55            printf("true");
56            else
57            printf("false");
58            break;
59            case 9:
60            if (a<b)
61            printf("true");
62            else
63            printf("false");
64            break;
65            case 10:
66            if (a==b)
67            printf("true");
68            else
69            printf("false");
70            break;
71            default:
72            printf("invalid input");
73        }
74
75        printf("enter 1 to continue 0 to exit");
76        scanf("%d",&n);
77
78
79
```

input

```
enter 2 numbers:23 45
enter 1-addition 2-subtraction 3-multiplication  4-remainderr  5-quotient  6-greaterthan or eqaul  7-lessthan or equal 8-greater than 9 -less
than10-equalto 7
trueenter 1 to continue 0 to exit0
```

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