

```
1: #include <stdio.h>
2: #include <stdlib.h>
3:
4: int main()
5: {
6:     float DN1,DN2 ;
7:     char OP,Result ;
8:
9:     printf("Input Decimal Number1: ");
10:    scanf("%f", &DN1);
11:    printf("Input Decimal Number2: ");
12:    scanf("%f", &DN2);
13:    printf("Press Operator do you want to Process (+,-,*, /,^ ): ");
14:    scanf("%*c%c", &OP);
15:
16:    if (OP == '+')
17:    {
18:        printf("Result %g + %g = %g",DN1,DN2,DN1+DN2);
19:    }
20:    else if (OP == '-')
21:    {
22:        printf("Result %g - %g = %g",DN1,DN2,DN1-DN2);
23:    }
24:    else if (OP == '*')
25:    {
26:        printf("Result %g * %g = %g",DN1,DN2,DN1*DN2);
27:    }
28:    else if (OP == '/')
29:    {
30:        printf("Result %g / %g = %g",DN1,DN2,DN1/DN2);
31:    }
32:    else if (OP == '^')
33:    {
34:        printf("Result %g ^ %g = %g",DN1,DN2,pow(DN1,DN2));
35:    }
36:    return 0;
37: }
```