

```
1: #include <stdio.h>
2: #include <math.h>
3:
4: int main(){
5:     int i;
6:     float x, y;
7:     char oper;
8:     while(i<10){
9:         printf("Give me a number:\n");
10:        scanf("%f", &x);
11:        getchar();
12:
13:        printf("Give me a operation(e, /, r, m):\n");
14:        scanf("%c", &oper);
15:        getchar();
16:        if(oper == 'e'){
17:            y = exp(x);
18:            printf("The exponential value of %f is %f\n", x, y);
19:        }
20:        if(oper == '/'){
21:            y = log(x);
22:            printf("The log of %f is %f\n", x, y);
23:        }
24:        if(oper == 'r'){
25:            y = sqrt(x);
26:            printf("The square root of %f is %f\n", x, y);
27:        }
28:        if(oper == 'm'){
29:            y = abs(x);
30:            printf("The absolute value of %f is %f\n", x, y);
31:        }
32:        i++;
33:    }
34: }
35:
```