

15. #include <stdio.h>

```
int main() {  
    float a, b;  
    float result;  
  
    // Read values of a and b from user  
    printf("Enter the value of a: ");  
    scanf("%f", &a);  
  
    printf("Enter the value of b: ");  
    scanf("%f", &b);  
  
    // Evaluate (a + b)^2  
    result = (a + b) * (a + b);  
  
    // Display the result  
    printf("(a + b)^2 = %.2f\n", result);  
  
    return 0;  
}
```