

35. Write a C program to find power of any number using recursion

```
#include<stdio.h>

int power(int a, int b){
    if(b == 0){
        return 1;
    }
    else{
        return a*power(a, b-1);
    }
}

int main(){
    int a, b;
    printf("Enter two numbers : ");
    scanf("%d %d", &a, &b);
    printf("Power of %d raised to %d is : %d", a, b, power(a, b));
    return 0;
}
```

-----Question 35-----

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-----Answer-----

executables/35_power-recur

/home/s4ms3pi0l/Documents/AssignEase/C_Programs/35_power-recur.c

Compilation successful.

Enter two numbers : 2 3

Power of 2 raised to 3 is : 8

Press the Print Screen button (or press 's' to exit)...