

```
float power(float b, int p); // Functtion Prototype
void main()
{
    float ans, b;
    int p;
    clrscr();
    printf("Enter base and power:");
    scanf("%f %d",&b, &p);
    ans = power(b, p);
    printf("%.2f ^ %d = %.2f",b,p,ans);
    getch();
}

float power(float b, int p)
{
    float ans = 1;
    int i;
    for(i=1;i<=p;i++)
        ans = ans * b;
    return(ans);
}
```