```c
#include <stdio.h>
int main()
{
    int x,y;
long double r;
     r=1.0;
    printf("enter x,y values");
    scanf("%d%d",&x,&y);
    while(y!=0)
    {
       r*=x;
       y--;
    }
    printf("%0Lf",r);

    return 0;
}
```

Output:
enter x,y values 2  5
2  5
32.000000