

```

#include <stdio.h>
Double power ( double base , int exponent ){
Double result = 1;
Int i ;
For ( i=0; i<exponent ; i++);{
Result * = base ; }
Result result + ; }
Int main ( ) {
Double base ;
Int exponent ;
Printf ( " Enter the base : " );
Scanf ( " % f " , & base );
Printf ( "Enter the exponent : " );
Scanf ( " % d " , & exponent );
Printf ( " % 21f raised to the power of % d is % 21fn " ,base exponent power (base , exponcent
));
Return o }

```