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C, pasted on Aug 24:

```
1  #include<stdio.h>
2  #include<conio.h>
3  #include<math.h>
4  int main()
5  {
6      int i, n;
7      float x, S, T;
8      long M, N;
9      printf("\nNhap x: ");
10     scanf("%f", &x);
11     do
12     {
13         printf("\nNhap n(n >= 1) : ");
14         scanf("%d", &n);
15         if(n < 1)
16         {
17             printf("\n N phai >= 1. Xin nhap lai !");
18         }
19     }while(n < 1);
20
21     S = 1;
22     N = 1;
23     i = 1;
24
25     while(i <= n)
26     {
27         T = pow(x, (2 * i + 1));
28         M = i * 2 + 1;
29         N = N * M * (M - 1);
30         S = S + x + T/N;
31         i++;
32     }
33     printf("\nTong la %f", S);
34     getch();
35     return 0;
36 }
37 }
```

Output:

```
1 Line 17: error: conio.h: No such file or directory
```

[Create a new paste based on this one](#)

Comments:

posted by [kendypham](#) on Nov 9

```
#include<stdio.h>
```

```
#include<conio.h>
```

```
#include<math.h>
```

```
int main()
```

```
{
```

```
int i, n;
```

```
float x, S;
```

```
long N,a;
```

```
printf("\nNhập x: ");
```

```
scanf("%f", &x);
```

```
do
```

```
{
```

```
printf("\nNhập n(n >= 0) : ");
```

```
scanf("%d", &n);
```

```
if(n < 0)
```

```
{
```

```
printf("\n N phải >= 0. Xin nhập lại !");
```

```
}
```

```
}while(n < 0);
```

```
S = 1;
```

```
N = 1;
```

```
for(i=0;i<=n;i++)
```

```
{
```

```

a=N+i;
S = S + pow(x,2*i+1)/(a);
}
printf("\nTong la %f", S);
getch();
return 0;
}

```

[reply](#)

posted by [bangtran](#) on Jan 22

sai đoạn $S = 1$ vs $S = S + x + T/N$
sửa lại:

```

#include<stdio.h>
#include<conio.h>
#include<math.h>
int main()
{
int i, n;
float x, S, T;
long M, N;
printf("\nNhap x: ");
scanf("%f", &x);
do
{
printf("\nNhap n(n >= 1) : ");
scanf("%d", &n);
if(n < 1)
{
printf("\n N phai >= 1. Xin nhap lai !");
}
} while(n < 1);

S = 1 + x;
N = 1;
i = 1;

while(i <= n)

```

```

{
T = pow(x, (2 * i + 1));
M = i * 2 + 1;
N = N * M * (M - 1);
S = S + T/N;
i++;
}
printf("\nTong la %f", S);
getch();
return 0;
}

```

[reply](#)

posted by [bangtran](#) on Jan 22
cách khác của mình:

```

int main()
{
int n, x, i, j;
unsigned long t1, t2;
float S;
i = 1;
j = 1;
S = 1;
cout << "Enter x, n: ";
cin >> x >> n;
t1 = x;
t2 = 1;
while (i <= n+1)
{
S = S + (float) t1 / t2;
t1 = t1 * x * x;
j = i * 2;
t2 = t2 * j * (j + 1);
i++;

}

```

```

cout << "S = " << S;

```

```
// END MAIN
system("pause");
}
```

[reply](#).

posted by [mouto9k](#) on Nov 15

bạn cũng có thể tạo hàm giai thừa riêng rồi gọi nó ra.

```
// S=1,i=0;
T = pow(x, (2 * i + 1));
M=giaithua(2*i+1);
S+=T/M;
```

[reply](#).

posted by ngtranminhtuan@gmail.com on Jan 24

```
#include <iostream>
```

```
#include <math.h>
```

```
using namespace std;
```

```
// function to find factorial of given number
```

```
unsigned int factorial(unsigned int n)
```

```
{
if (n == 0)
return 1;
return n * factorial(n - 1);
}
```

```
int main()
```

```
{
int x, n;
int mu, tu, mau;
double _t sum = 1;
cout << "Nhap x: " << endl;
cin >> x;
cout << "Nhap n" << endl;
cin >> n;
for (int i = 0; i<=n ; i++){
mu = 2*i + 1;
tu = pow(x, mu);
cout << "tu so: " << tu << endl;
mau = factorial(mu);
```

```
cout << "mau so: " << mau << endl;
sum += tu/(double_t)mau;
cout << "tong so: " << sum << endl;
cout << "////" << endl;
}
cout << "tong: " << sum << endl;
return 0;
}
```

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