```c
#include<stdio.h>
int main()
{
    int n;
    scanf("%d",&n);
    for(int i=1;i<=10;i++)
    {
        printf("%d x %d = %d\n",n,i,n*i);
    }
    return 0;
}
```

	Input	Expected	Got	
✓	2	2 x 1 = 2 2 x 2 = 4 2 x 3 = 6 2 x 4 = 8 2 x 5 = 10 2 x 6 = 12 2 x 7 = 14 2 x 8 = 16 2 x 9 = 18 2 x 10 = 20	2 x 1 = 2 2 x 2 = 4 2 x 3 = 6 2 x 4 = 8 2 x 5 = 10 2 x 6 = 12 2 x 7 = 14 2 x 8 = 16 2 x 9 = 18 2 x 10 = 20	✓

Passed all tests! ✓

```c
#include<stdio.h>
int main()
{
    long long int n,t,i,nut=0;
    scanf("%lld %lld",&n,&t);
    for(i=1;i<=n;i++)
    {
        nut =nut+i;
        if(nut==t)
        {
            nut=nut-1;
        }
    }
    printf("%lld",nut%1000000007);
    return 0;
}
```

	Input	Expected	Got	
✓	2 2	3	3	✓
✓	2 1	2	2	✓
✓	3 3	5	5	✓

Passed all tests! ✓

```c
#include<stdio.h>
int main()
{
    long n;
    int p;
    scanf("%ld %d",&n,&p);
    long factors[100000];
    int count=0;
    for(long i=1;i*i<=n;i++)
    {
        if(n%i==0)
        {
            factors[count++]=i;
            if(i!=n/i)
            {
                factors[count++]=n/i;
            }
        }
    }
    for(int i=0;i<count-1;i++)
    {
        for(int j=i+1;j<count;j++)
        {
            if(factors[i]>factors[j])
            {
                long temp = factors[i];
                factors[i] = factors[j];
                factors[j] = temp;
            }
        }
    }
    if(p>count)
    {
        printf("0");
    }
    else
    {
```

```
    {
        printf("%ld", factors[p-1]);
    }
    return 0;
}
```

	Input	Expected	Got	
✓	10 3	5	5	✓
✓	10 5	0	0	✓
✓	1 1	1	1	✓

Passed all tests! ✓