

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     int n;
5     scanf("%d",&n);
6     for(int i=1;i<=10;i++)
7     {
8         printf("%d x %d = %d\n",n,i,n*i);
9     }
10    return 0;
11 }
```

	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! ✓

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     long long int n,t,i,nut=0;
5     scanf("%lld %lld",&n,&t);
6     for(i=1;i<=n;i++)
7     {
8         nut=nut+i;
9         if(nut==t)
10        {
11            nut=nut-1;
12        }
13    }
14    printf("%lld",nut%1000000007);
15    return 0;
16 }
```

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

Passed all tests! ✓

```

1  #include<stdio.h>
2  int main()
3  {
4      long n;
5      int p;
6      scanf("%ld %d",&n,&p);
7      long factors[100000];
8      int count=0;
9      for(long i=1;i*i<=n;i++)
10     {
11         if(n%i==0)
12         {
13             factors[count++]=i;
14             if(i!=n/i)
15             {
16                 factors[count++]=n/i;
17             }
18         }
19     }
20     for(int i=0;i<count-1;i++)
21     {
22         for(int j=i+1;j<count;j++)
23         {
24             if(factors[i] > factors[j])
25             {
26                 long temp=factors[i];
27                 factors[i]=factors[j];
28                 factors[j]=temp;
29             }
30         }
31     }
32     if(p>count)
33     {
34         printf("0");
35     }
36     else
37     {

```

```

35     }
36     else
37     {
38         printf("%ld", factors[p-1]);
39     }
40     return 0;
41 }

```

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

Passed all tests! ✓