



Answer: (penalty regime: 0 %)

Reset answer

```
1 int fourthBit(int number)
2 {
3     int binary[32];
4     int i = 0;
5     while (number > 0)
6     {
7         binary[i] = number % 2;
8         number /= 2;
9         i++;
10    }
11    if (i >= 4)
12    {
13        return binary[3];
14    }
15    else
16        return 0;
17 }
```

	Test	Exp
✓	printf("%d", fourthBit(32))	0
✓	printf("%d", fourthBit(77))	1

Passed all tests! ✓

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```
1  /*
2  * Complete the 'pthFactor' f
3  *
4  * The function is expected t
5  * The function accepts follo
6  * 1. LONG_INTEGER n
7  * 2. LONG_INTEGER p
8  */
9
10 long pthFactor(long n, long p
11 {
12     int count = 0;
13     for (long i = 1; i <= n;
14     {
15         if (n % i == 0)
16         {
17             count++;
18             if (count == p)
19             {
20                 return i;
21             }
22         }
23     }
24     return 0;
25 }
```

	Test
✓	printf("%ld", pthFactor(10, 3))
✓	printf("%ld", pthFactor(10, 5))
✓	printf("%ld", pthFactor(1, 1))

Passed all tests! ✓

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```
1 2 'pthFactor' function below.  
3  
4 is expected to return a LONG_I  
5 accepts following parameters:  
6 GER n  
7 GER p  
8  
9  
10 long n, long p)  
11  
12 0;  
13 = 1; i <= n; ++i)  
14  
15 i == 0)  
16  
17 t++;  
18 count == p)  
19  
20 return i;  
21  
22  
23  
24  
25
```

	Expected	Got	
pthFactor(10, 3))	5	5	✓
pthFactor(10, 5))	0	0	✓
pthFactor(1, 1))	1	1	✓