

Answer: (penalty regime: 0 %)

Reset answer

```
1  /*
2   * Complete the 'fourthBit' function below
3   *
4   * The function is expected to return an
5   * The function accepts INTEGER number as
6   */
7
8 int fourthBit(int number)
9 {
10    int binary[32];
11    int i=0;
12    while(number>0)
13    {
14        binary[i]=number%2;
15        number/=2;
16        i++;
17    }
18    if(i>=4)
19    {
20        return binary[3];
21    }
22    else
23    {
24        return 0;
25    }
26}
```

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

Passed all tests! ✓

Answer: (penalty regime: 0 %)

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```
1  /*
2  * Complete the 'pthFactor' function below
3  *
4  * The function is expected to return a LONG_INTEGER
5  * The function accepts following parameters:
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;++i)
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	Expected	Given
✓ printf("%ld", pthFactor(10, 3))	5	5
✓ printf("%ld", pthFactor(10, 5))	0	0
✓ printf("%ld", pthFactor(1, 1))	1	1

Passed all tests! ✓