4-

```cpp
#include <iostream>
using namespace std;

int gcd(int a, int b)
{
        int m,t;
        m=1;
        if(a>b)
        {
                t=a;
                a=b;
                b=t;
        }
        while(m!=0)
        {
                m=b%a;
                b=a;
                a=m;
        }
        return b;
}
int main()
{
        int k,i,n;
        cin>>n;
        If(n<=0)
                cout<<"Error";
        else
        {
                k=1;
                for(i=1;i<=n;i++)
                {
                        k=(i*k)/gcd(k,i);
                }
                cout<<k;
        }
        return 0;
}
```