

C:\Users\Admin\Desktop\p1.cpp - [Executing] - Embarcadero Dev-C++ 6.3

e C:\Users\Admin\Desktop\p1.exe  
a value is:6  
b value is:5  
-----  
obj Process exited after 0.1162 seconds with return value 0  
Press any key to continue . . .

```
}*/
```

```
#include<iostream>
int main(){
int a=10,b=189,c=100;
if((a>b)&&(a>c))
    std::cout<<"a is largest";
else if(b>c)
    std::cout<<"b is la
else
std::cout<<"c is larg
return 0;
}
```

```
 Select C:\Users\Admin\Desktop\p1.exe
b is largest
-----
Process exited after 0.05658 seconds
Press any key to continue . . .
```

```
/*#include<iostream>
int main(){
int n,i,sum=0;
std::cout<<"enter
std::cin>>n;
```

```
else
std::cout<<"c is largest";
return 0;
}*/
```

```
#include<iostream>
int main()
{
    int n,i,sum=0;
    std::cout<<"enter n:";
    std::cin>>n;
    for(i=0;i<=n;i++){
        sum+=i;
    }
    std::cout<<sum;
    return 0;
}
```

```
/*#include<iostream>
using namespace std;
int main(){
    int n;
```

```
C:\Users\Admin\Desktop\pl.cxx
enter n:10
55
-----
Process exited after 5.28 seconds with exit value 0
Press any key to continue . . .
```

```
for(i=0;i<=n;i++){
    sum+=i;
}
std::cout<<sum;
return 0;
}
*/
#include<iostream>
using namespace std;
int main(){
    int n;
    cout<<"enter n value";
    cin>>n;
    if(n%2==0)

        cout<<"n is even";
    if(n%2==1)

        cout<<"n is odd";

    return 0;
}
/*#include<iostream>
using namespace std;
int main(){
    char s='z';

```

C:\Users\Admin\Desktop\p1.exe

enter n value4

n is even

-----

Process exited after 4.254 seconds with return va

Press any key to continue . . .

```
cout<<"n is even";
if(n%2==1)

cout<<"n is odd";

return 0;

#include<iostream>
ng namespace std;
main()
{
char s='z';
if(s=='a'||s=='e'||s=='i'||s=='o'||s=='u'){

    cout<<"a vowel";
}
else{

    cout<<"a consonant";
}
return 0;
}

#include<iostream>
```

```
C:\Users\Admin\Desktop\p1.e
a consonant
-----
Process exited after 0.0
Press any key to continue
```

```
    return 0;
}
*/
#include<iostream>
using namespace std;
int main(){
    int n=11;
    int i,flag=0;
    for(i=2;i<=n/2;i++){
        if(n%i==0){
            flag=1;
            break;
        }
    }
    if(flag==1){
        cout<<"a prime";
    }
    else{
        cout<<"not prime";
    }
    return 0;
```

```
C:\Users\Admin\Desktop\p1.exe
not prime
-----
Process exited after 0.05907
Press any key to continue .
```

```
<

#include<iostream>
using namespace std;
int main(){
    int n=11;
    int i,flag=0;
    for(i=2;i<=n/2;i++){
        if(n%i==0){
            flag=1;
            break;
        }
    }
    if(flag==0){
        cout<<"not composite";
    }
    else{
        cout<<"composite";
    }
    return 0;
}

/*#include<iostream>
using namespace std;
```

C:\Users\Admin\Desktop\p2.exe  
not composite  
-----  
Process exited after 0.08566 seconds  
Press any key to continue . . .

```
    }
    return 0;
}
*/
#include<iostream>
using namespace std;
int main()
{
    int n=10;
    int i;
    for(i=1;i<=n;i++){
        cout<<n<<"x"<<i<<"="<<n*i
    }
    return 0;
}

/*#include<iostream>
using namespace std;
int main(){
```

C:\Users\Admin\Desktop\p2.exe

10x1=10  
10x2=20  
10x3=30  
10x4=40  
10x5=50  
10x6=60  
10x7=70  
10x8=80  
10x9=90  
10x10=100

-----  
Process exited after 0.057  
Press any key to continue

```
1 //C:\Users\Admin\Desktop\p2.cpp
2
3     }
4     return 0;
5 }/*
6
7
8 #include<iostream>
9 using namespace std;
10 int main()
11 {
12     int y=2016;
13     if(y%400==0){
14         cout<<"leap year";
15     }
16     else if((y%4==0)&&(y%100!=0))
17         cout<<"leap year";
18
19     else
20         cout<<"not a leap year";
21
22     return 0;
23 }
```

```
C:\Users\Admin\Desktop\p2.exe
leap year
-----
Process exited after 0.05
Press any key to continue
```

```
else{
    cout<<"not a Leap year";
}

return 0;
}

#include<iostream>
using namespace std;
int main()
{
    int a=0,b=1,n,i;
    int c=a+b;
    cout<<"enter n";
    cin>>n;
    cout<<"fibonacci series are";
    for(i=3;i<=n;i++){
        cout<<c;
        a=b;
        b=c;
        c=a+b;
    }
    return 0;
}

/*#include<iostream>
```

C:\Users\Admin\Desktop\p2.exe  
enter n10  
fibonacci series are:0112358132134  
-----  
Process exited after 4.359 seconds with ret  
Press any key to continue . . .

```
        }
    return 0;
}
*/
#include<iostream>
using namespace std;
int main(){
    int n;
    cout<<"enter n:" ;
    cin>>n;
    int i,fact=1;
    for(i=1;i<=n;i++){
        fact=fact*i;
    }
    cout<<"the factorial of the ";
    return 0;
}
```

```
*#include<iostream>
sing namespace std;
nt main(){
    int n=123;
    int rev=0,i,rem;
    while(n!=0){
```

```
C:\Users\Admin\Desktop\p2.exe
enter n:5
the factorial of the given number5is120
-----
Process exited after 2.195 seconds with return
Press any key to continue . . . ■
```

```
Enter the factorial of the given number":<<n<<"is"
return 0;
}
*/
#include<iostream>
using namespace std;
int main()
{
    int n=123;
    int rev=0,i,rem;
    while(n!=0){
        rem=n%10;
        rev=rev*10+rem;
        n/=10;
    }
    cout<<rev;
    return 0;
}
```

```
C:\Users\Admin\Desktop\p2.exe
321
-----
Process exited after 0.06
Press any key to continue
```

```
}

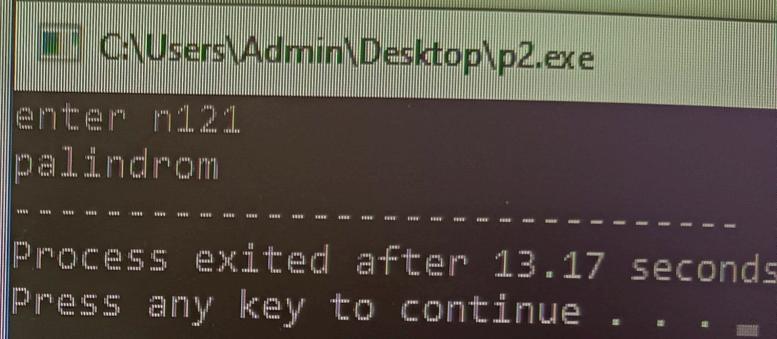
*/
#include<iostream>
using namespace std;
int main()
{
    int n1=2,n2=4;
    int lcm,gcd,i;
    for(i=1;i<=n1 && i<=n2;i++){
        if(n1%i==0 && n2%i==0){
            gcd=i;
        }
    }
    lcm=(n1*n2)/gcd;
    cout<<"gcd is"<<gcd<<endl;
    cout<<"lcm is"<<lcm;
    return 0;
}

/*#include<iostream>
```

```
C:\Users\Admin\Desktop\gcd\gcd.cpp
```

gcd is2  
lcm is4  
-----  
Process exited after 0.000 seconds.  
Press any key to continue . . .

```
    return 0;
}
*/
#include<iostream>
using namespace std;
int main()
{
    char n;
    int rev=0,rem,og;
    og=n;
    cout<<"enter n";
    cin>>n;
    while(n>0){
        rem=n%10;
        rev=rev*10+rem;
        n/=10;
    }
    if(og==n)
        cout<<"palindrom";
    else
        cout<<"not palindrom";
}
return 0;
}
```



```
C:\Users\Admin\Desktop\p2.exe
enter n121
palindrom
-----
Process exited after 13.17 seconds
Press any key to continue . . .
```

```
op X | C:\Users\Admin\Desktop\p2.exe

cout<<"enter choice btw 1 to 4";
cin>>choice;
if(choice==1){
    sum=a+b;
    cout<<"the sum is:"<<sum;
}
else if(choice==2){
    diff=a-b;
    cout<<"the difference is"<<diff;
}
else if(choice==3){
    pdt=a*b;
    cout<<"the product is"<<pdt;
}
else if(choice==4){
    quo=a/b;
    cout<<"the quotient is:"<<quo;
}
else{
    cout<<"entered wrong choice";
}
return 0;
}

-----
```

enter choice btw 1 to 41  
the sum is:7  
-----  
Process exited after 4.045 seconds with return value 0  
Press any key to continue . . .