ASSIGNMENT 3

1. Idnetify the error for the following programs,

```
#include<iostream>
intmain()
{
cout<< "\"geeksforgeeks\"";
}
```
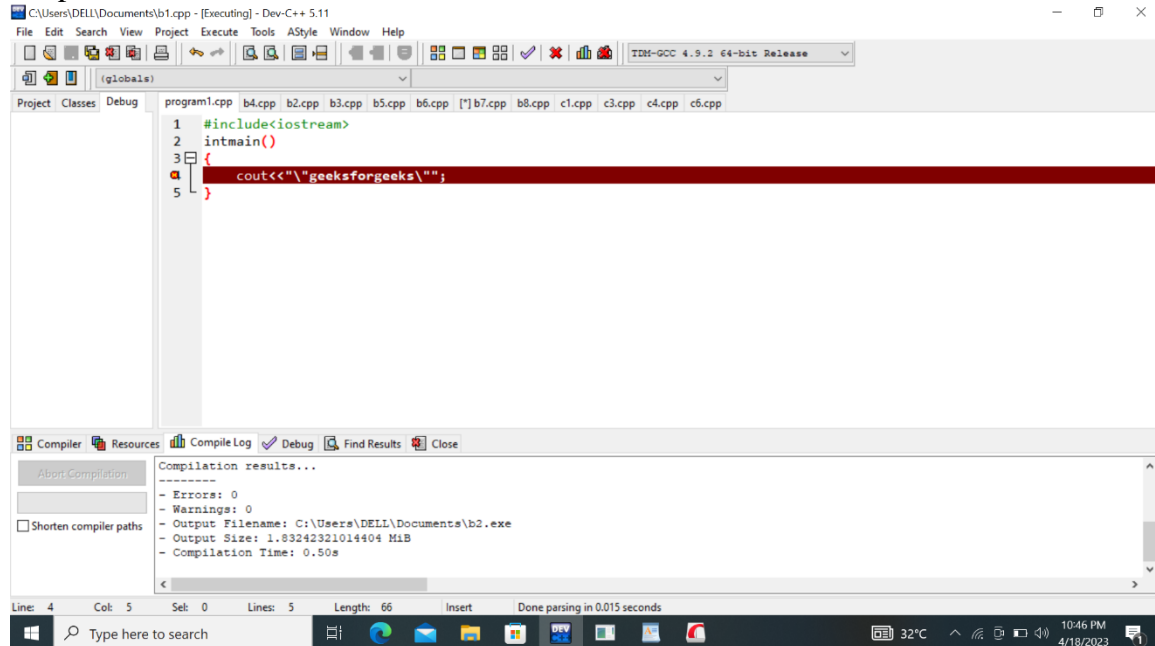
Output:

2. What will be the output of the following program

```
#include <iostream>
usingnamespacestd;

intmain()
{
   intx = 10;
   inty = 10;

   if(!(x ^ y))
     cout<< " x is equal to y ";
   else
     cout<< " x is not equal to y ";

   return0;
}
```
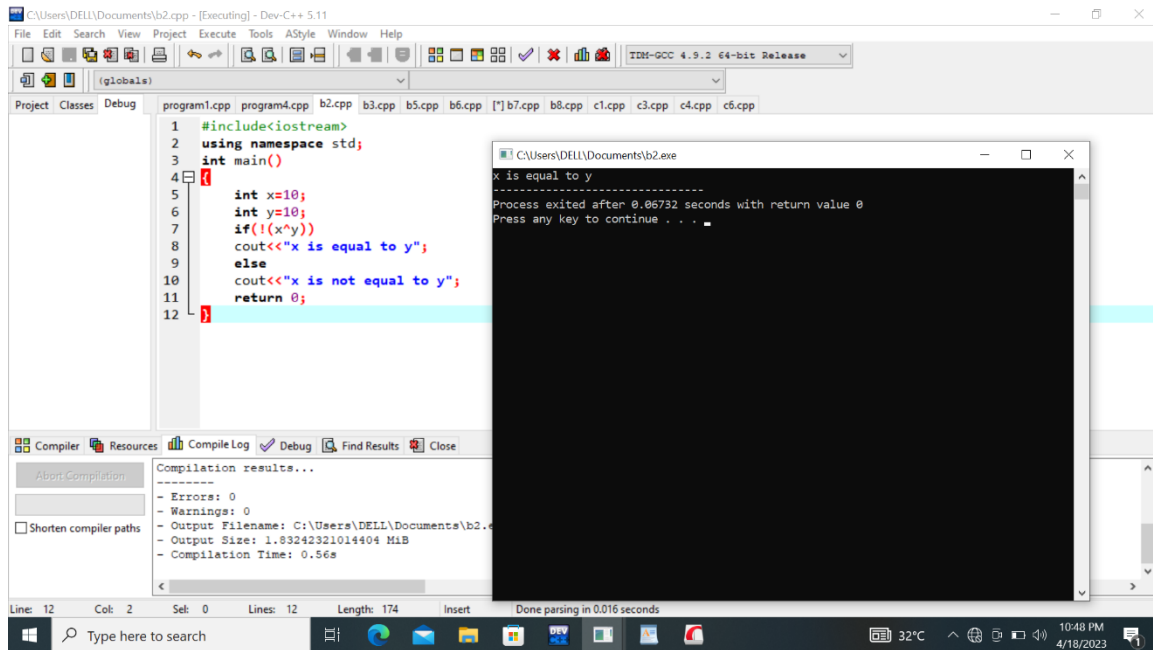
Output:

3. Find the output of the following program

```cpp
#include<iostream>

using namespace std;
int N = 10;

int main()
{
  static int x = 1;
  if(cout<< x << " "&& x++ < N &&main())
  { }
  return 0;
}
```
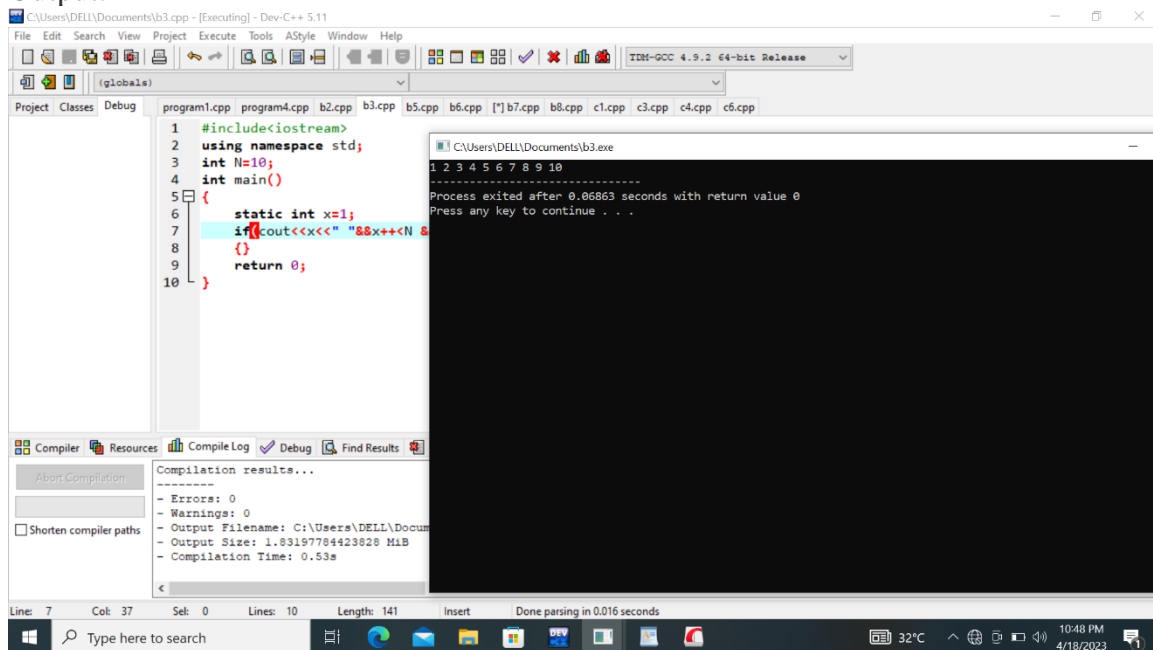
Output:

4. Identify the error / output of the program
#include<bits/stdc++.h>
usingnamespacestd;

intmain()
{
    intx = 10;
    inty = seventy;

    x = x + y;
    y = x - y;
    x = x - y;

    cout<< "X : "<< x << "\n";
    cout<< "Y : "<< y << "\n";

    return0;
}
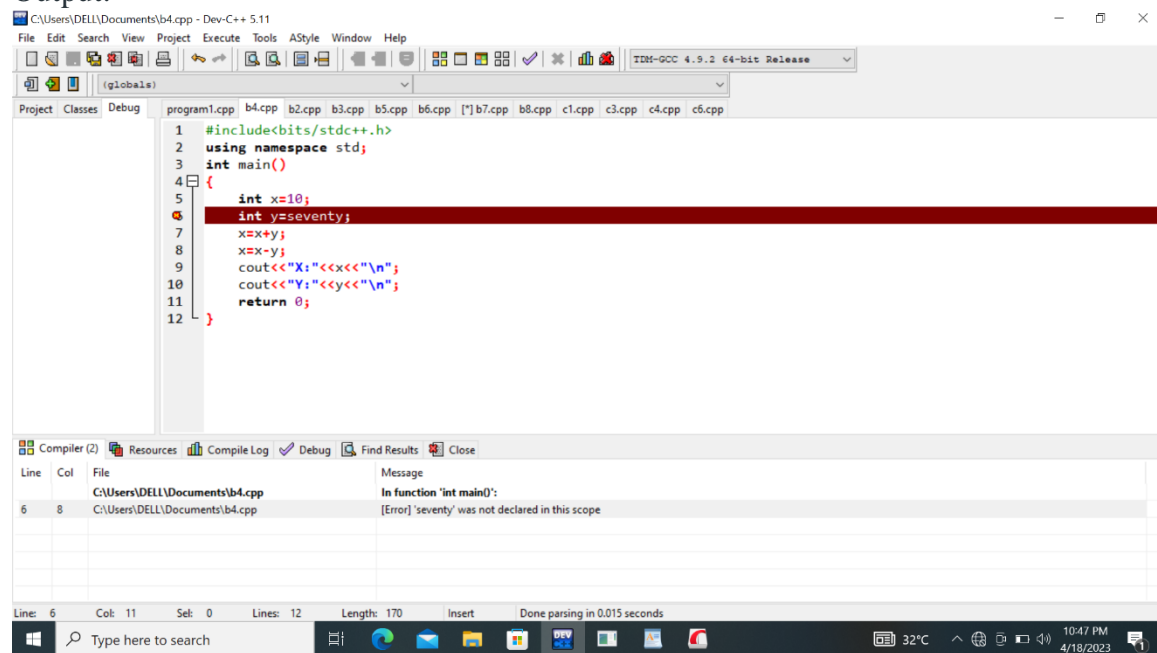Output:
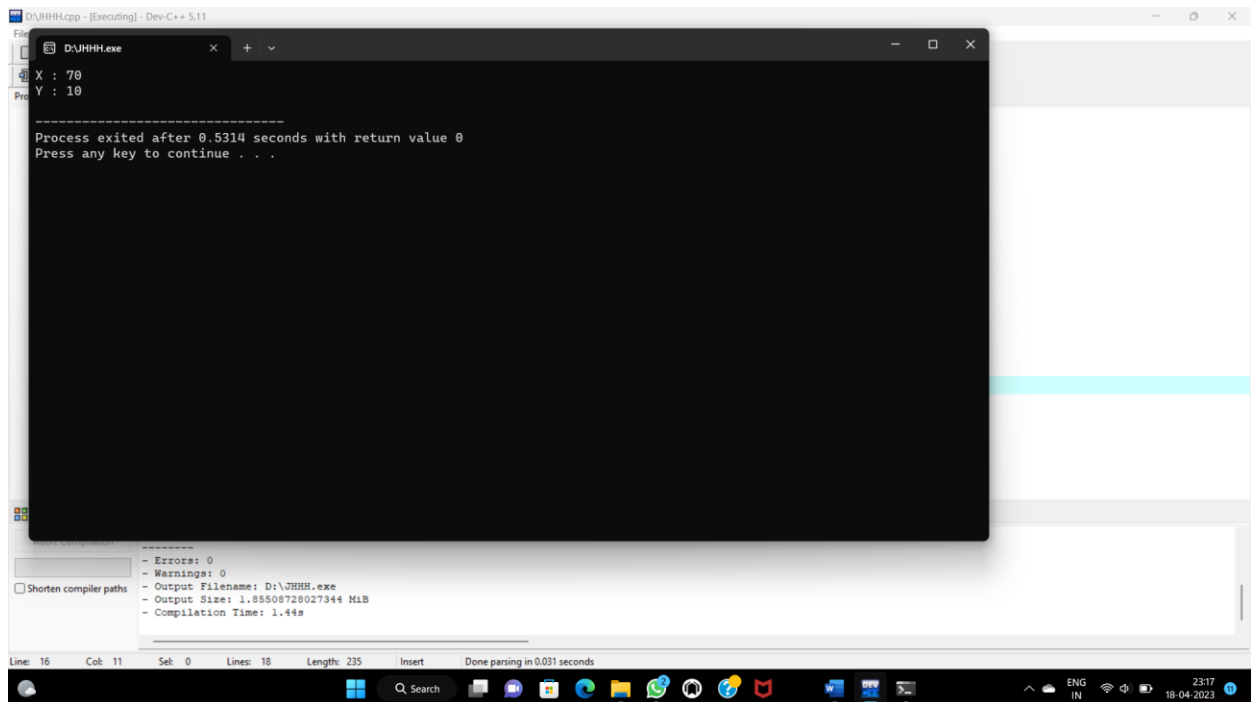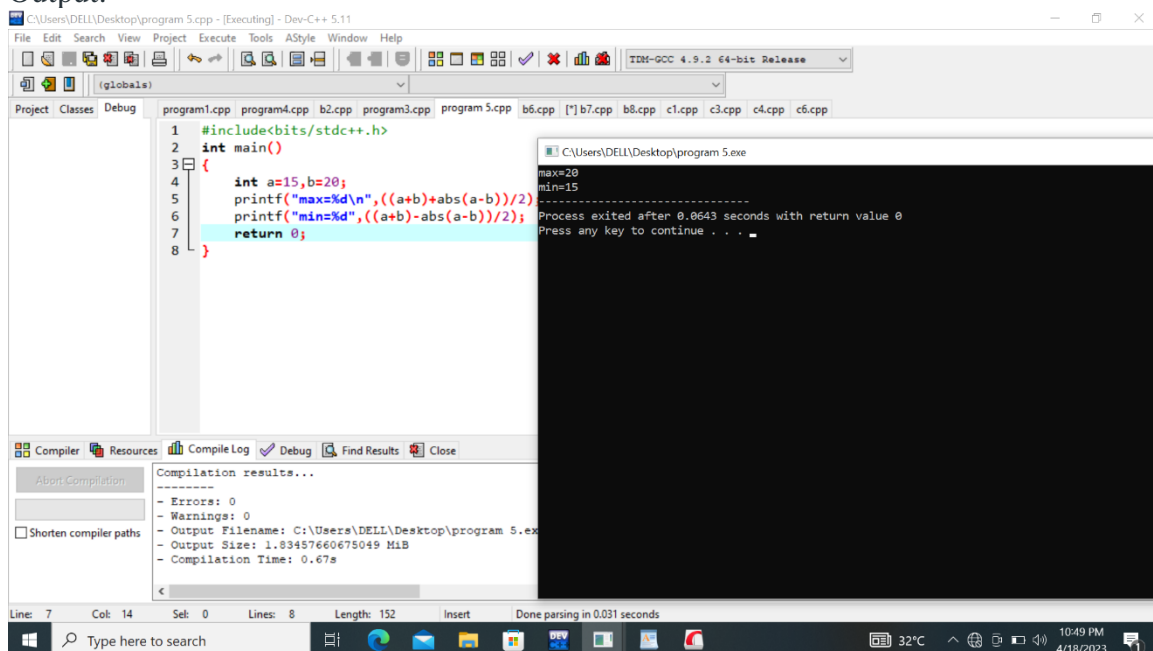
5. Can we do in C++ with this header file.
#include<bits/stdc++.h>

```cpp
intmain ()
{
    inta = 15, b = 20;
    printf("max = %d\n", ((a + b) + abs(a - b)) / 2);
    printf("min = %d", ((a + b) - abs(a - b)) / 2);
    return0;
}
```

Output:

6. Find the output for the program.
```cpp
#include<iostream>

using namespace std;
int main()
{
  int a = 5;
  int b = 5;
  int sum = -( -a-b );
  cout<< sum;
  return 0;
}
```
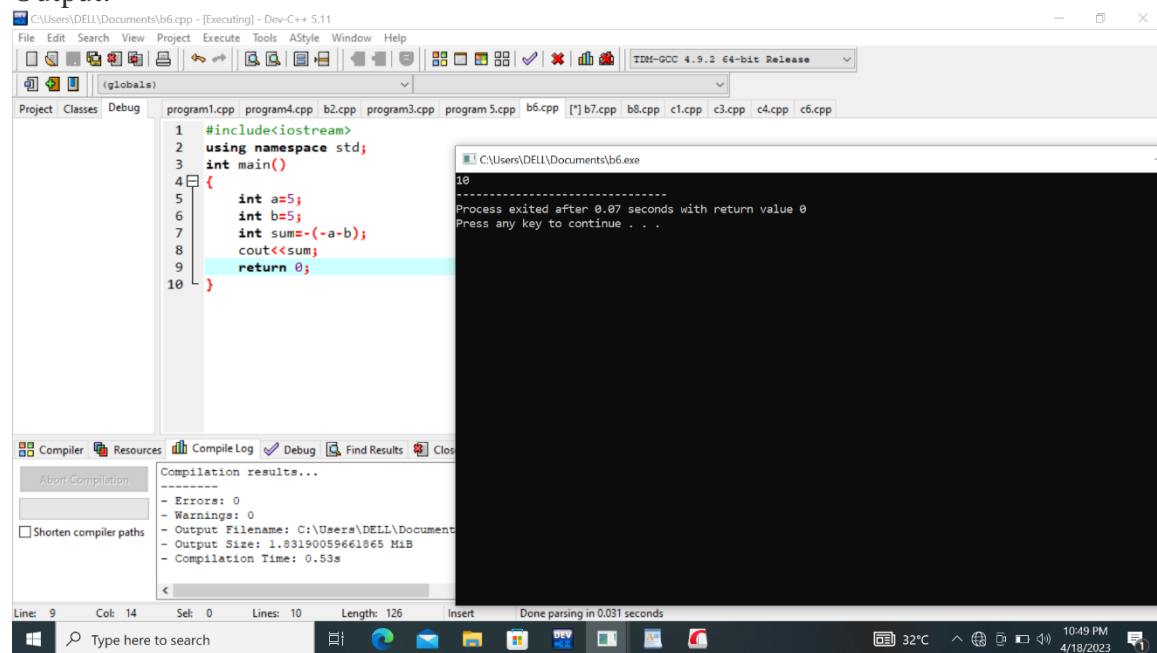Output:

7. What is the output
```cpp
#include<iostream>

using namespace std;
int main()
{
   if(!(cout<< "SIMATS"))
   cout<<" SIMATS ";
   else
   cout<< "SCHOOL OF ENGINEERING ";

   return 0;
}
```
Output:

8. Find the output

```cpp
#include<iostream>

using namespace std;
int main()
{
    int n = 4;
    n = n >> 2;
    cout<< n;
    return 0;
}
```

Output:

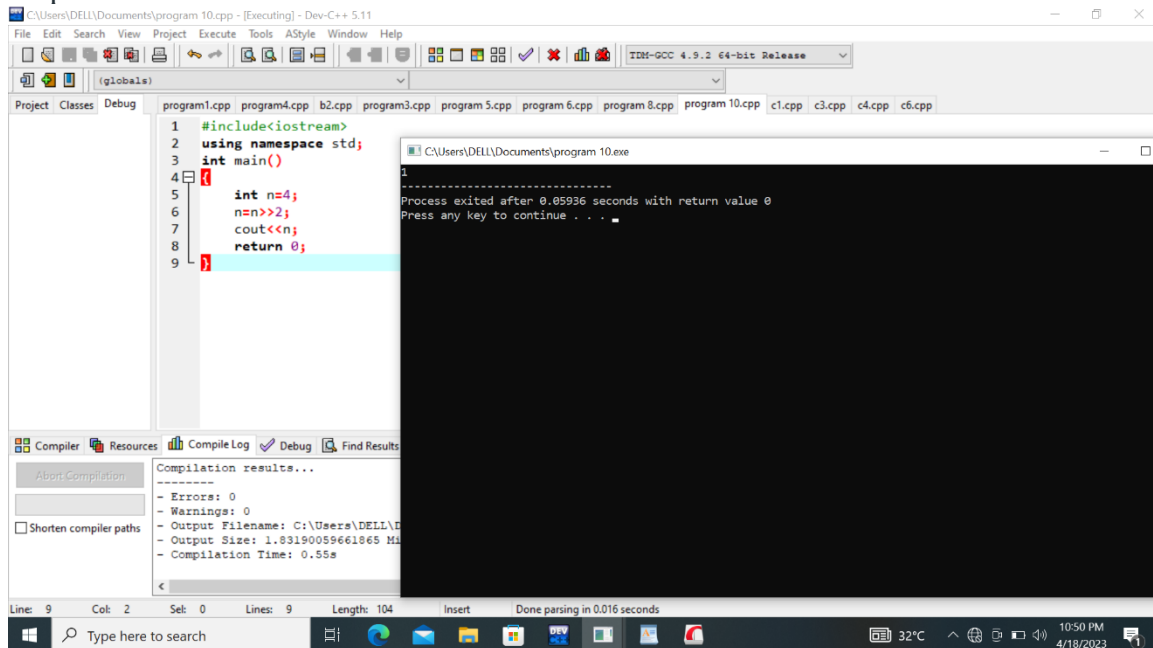## 9. Find the output of following code:

```cpp
#include<iostream>
```

```cpp
usingnamespacestd;
intmain()
{
    intn = 4;
    n = n >> 2;
    cout<< n;
    return0;
```
output:

10. Find the output of following code:
```cpp
#include<iostream>

usingnamespacestd;
intmain()
{
    intn = 4;
    n = n >> 2;
    cout<< n;
    return0;
```
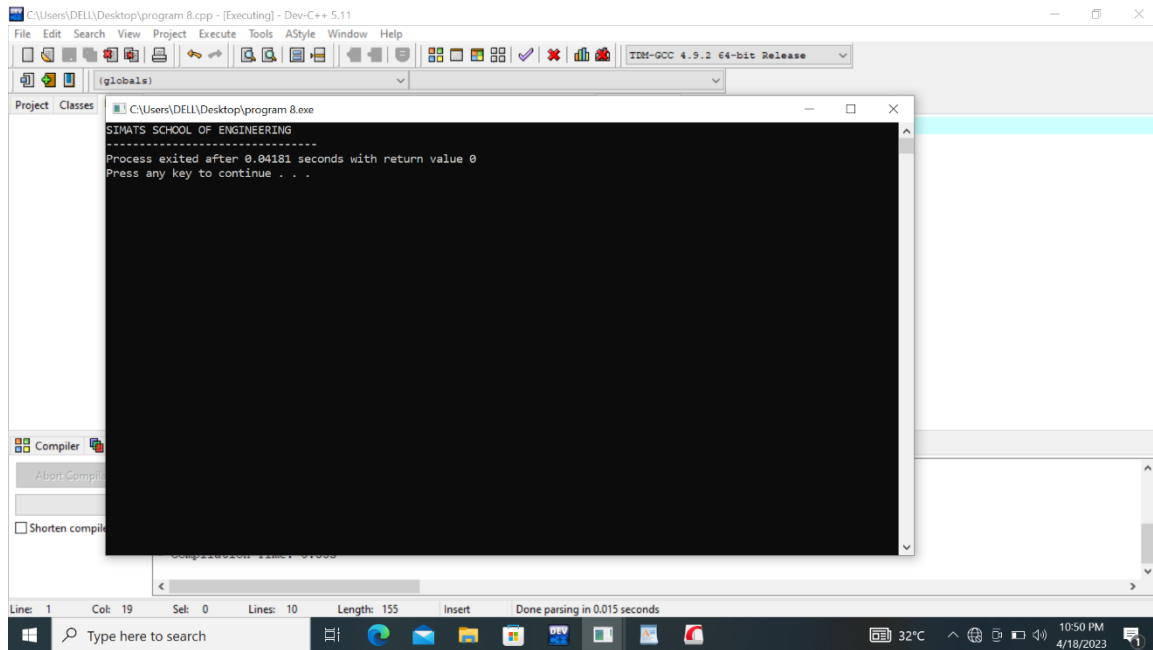
output:

```
#include<iostream>
using namespace std;
int main()
{
    int n=4;
    n=n>>2;
    cout<<n;
    return 0;
}
```

```
1
------------------------------
Process exited after 0.05936 seconds with return value 0
Press any key to continue . . .
```