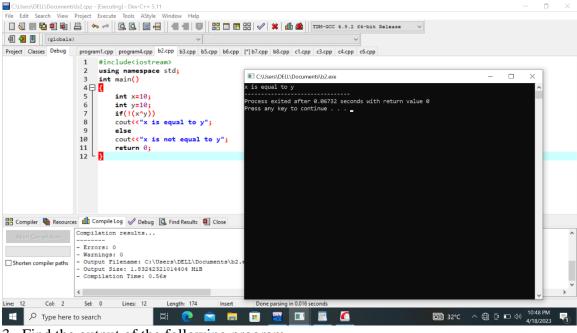
ASSIGNMENT 3

1. Idnetify the error for the following programs, #include<iostream> intmain() cout<< "\"geeksforgeeks\"";</pre> Output: C\UserSpELL\Documents\b1.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

\[\bigcirc \bi (globals) Project Classes Debug program1.cpp b4.cpp b2.cpp b3.cpp b5.cpp b6.cpp [*] b7.cpp b8.cpp c1.cpp c3.cpp c4.cpp c6.cpp 1 #include<iostream>
2 intmain() 2 ir 3 | { a | 5 | cout<<"\"geeksforgeeks\""; Compiler 📵 Resources 🛍 Compile Log 🤣 Debug 🗓 Find Results 🐉 Close Abort Compilation Compilation results... Shorten compiler paths

Output Filename: C:\Users\DELL\Documents\b2.exe
Output Size: 1.83242321014404 MiB
Compilation Time: 0.50s ■ 32°C ^ / / (2) ■ (4) 10:46 PM 2. What will be the output of the following program #include <iostream> usingnamespacestd; intmain() intx = 10;inty = 10; $if(!(x \wedge y))$ cout<< " x is equal to y "; else cout<< " x is not equal to y "; return0; Output:



3. Find the output of the following program

#include<iostream>

```
usingnamespacestd;
intN = 10;
intmain()
 staticintx = 1;
 if(cout << x << " "&& x++ < N && main())
 return0;
Output:
(globals)
Project Classes Debug program1.cpp program4.cpp b3.cpp b5.cpp b5.cpp b6.cpp ["]b7.cpp b8.cpp c1.cpp c3.cpp c4.cpp c6.cpp

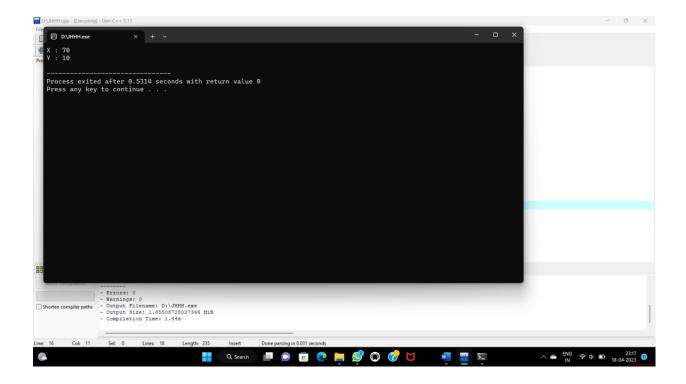
1 #include<iostream>
                 using namespace std;
int N=10;
int main()
                                         C:\Users\DELL\Documents\b3.exe
                                        1 2 3 4 5 6 7 8 9 10
               rocess exited after 0.06863 seconds with return value 0 ress any key to continue . . .
               10 }
Compiler Resources Compile Log 🗸 Debug 🗓 Find Results
 Abort Compilation Compilation results...
              | c | Line: 7 | Col: 37 | Sel: 0 | Lines: 10
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                                                                          □ 32°C ∧ ⊕ ⊕ □ ◁» 4/18/2023 ▼1
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```

4. Identify the error / output of the program #include

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:
C_\User_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\Delta_\
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     (globals)
 Project Classes Debug program1.cpp b4.cpp b2.cpp b3.cpp b5.cpp b6.cpp ["]b7.cpp b8.cpp c1.cpp c3.cpp c4.cpp c6.cpp

1 #include<bits/stdc++.h>
2 using namespace std;
3 int main()
4 [ int v=10:
                                                                                   int x=10;
int y=seventy;
x=x+y;
x=x-y;
cout<<"X:"<<x<<"\n";
cout<<"Y:"</yr>
return 0;
                                                                     5
4
7
8
  Compiler (2) 🖣 Resources 🥼 Compile Log 🤣 Debug 🗓 Find Results 🐉 Close
                                    C:\Users\DELL\Documents\b4.cpp
                                                                                                                                                                  In function 'int main()':
    6 8 C:\Users\DELL\Documents\b4.cpp
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```



5. Can we do in C++ with this header file.

```
#include<bits/stdc++.h>
```

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:
(globals)
Project Classes Debug program1.cpp program4.cpp b2.cpp program3.cpp program5.cpp b6.cpp [*]b7.cpp b8.cpp c1.cpp c3.cpp c4.cpp c6.cpp

1 #include<bits/stdc++.h>
2 int main()

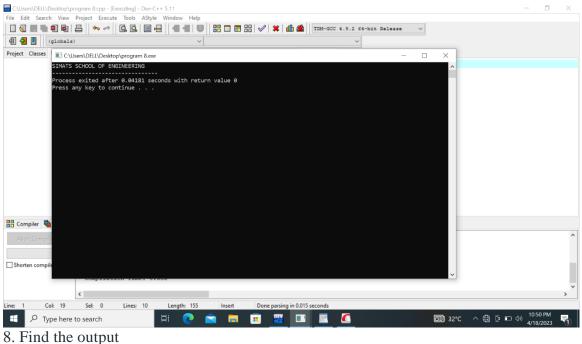
I C\Users\DELL\Desktop\program5.exe
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 Abort Compilation Compilation results...
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- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\DELL\Desktop\program 5.ex
- Output 512e: 1.83457660675049 MiB
- Compilation Time: 0.67s
Shorten compiler paths
       Col: 14
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```

6. Find the output for the program. #include<iostream> usingnamespacestd; intmain() inta = 5;intb = 5;intsum = -(-a-b);cout<< sum; return0; Output: (globals) Project Classes Debug program1.cpp program4.cpp b2.cpp program3.cpp program 5.cpp b6.cpp [*] b7.cpp b8.cpp c1.cpp c3.cpp c4.cpp c6.cpp #include(iostream> using namespace std; int main() ■ C:\Users\DELL\Documents\b6.exe 3 int ma= 4 = { int a=5; int b=5; int sum=-(-a-b); cout<<sum; return 0; rocess exited after 0.07 seconds with return value 0 ress any key to continue . . . Compiler 🖣 Resources 🕼 Compile Log 🤣 Debug 🗓 Find Results 🐉 Clos Abort Compilation Compilation results... Abort Compilation - Errors: 0 - Warnings: 0 - Output Filename: C:\Users\DELL\Document - Output Filerame: 0:53s < ne: 9 Col: 14 Sel: 0 Lines: 10 Type here to search 7. What is the output #include<iostream> usingnamespacestd; intmain() if(!(cout<< "SIMATS"))</pre> cout << "SIMATS";

cout<< "SCHOOL OF ENGINEERING";

return0;

Output:



#include<iostream>

```
usingnamespacestd;
intmain()
   intn = 4;
   n = n >> 2;
   cout << n;
   return0;
Output:
آو (globals)
Project Classes Debug program1.cpp program4.cpp b2.cpp program3.cpp program 5.cpp program 6.cpp program 8.cpp program 10.cpp c1.cpp c3.cpp c4.cpp c6.cpp
                    C:\Users\DELL\Documents\program 10.exe
                                                   Process exited after 0.05936 seconds with return value 0
Press any key to continue . . . _
                            int n=4;
                            n=n>>2;
cout<<n;
                             return 0;
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                  - Errors: 0
- Warnings: 0
- Output Filename: C:\Users\DELL\L
- Output Size: 1.83190059661865 Mi
- Compilation Time: 0.55s
 Shorten compiler paths
    9 Col: 2 Sel: 0 Lines: 9 Length: 104 Insert Done parsing in Warto severe.

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```

9. Find the output of following code:

#include<iostream>

```
usingnamespacestd;
intmain()
             intn = 4;
             n = n >> 2;
             cout << n;
            return0;
output:
C\L\ser\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delt
      (globals)
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#include<iostream>
using namespace std;
int main()

int n=4;
n=n>>2;
cout<n;
return 0;

9
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```

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

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

output:

