## **DAY 3** Assignment

1. Idnetify the error for the following programs, #include<iostream> intmain() cout<< "\"geeksforgeeks\"";</pre> File Edit Search View Project Execute Tools AStyle Window Help ■ ■ TDM-GCC 9.2.0 64-b C:\Users\Sneha sree\Docume a 🗗 🗓 (globals) Project Clas · · ASS3 1.cpp × ass3 2.cpp × "geeksforgeeks" 1 #include<iostream> Process exited after 0.01255 seconds with return v 2 using namespace std; Press any key to continue . . . 3 int main() 4 ₽ { 5 cout<< "\"geeksforgeeks\"";</pre> 6 L } Sompiler (4) ☐ Resources 🖷 Compile Log 🔞 Debug 🗟 Find Results 🍵 Console 🔙 Close - Errors: 0 Abort Compilation Warnings: 0 Output Filename: C:\Users\Sneha sree\Documents\ASS3 1.exe
Output Size: 2.98854827880859 MiB
Compilation Time: 0.63s Shorten compiler pat Line: 3 Col: 5 Sel: 0 Lines: 7 Length: 89 Insert 29°C Mostly cloudy Q Search

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;
}
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                      using namespace std;
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                   4
                       int main()
                   5 □ {
                   6
                           int x = 10;
                   7
                           int y = 10;
                   8
                   9
                           if(!(x ^ y))
                  10 □
                  11
                               cout<< " x is equal to y ";
                  12
                  13
                          }
                  14
                           else
                  15 🖹
                  16
                                cout<< " x is not equal to y ";
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Sompiler (4) ☐ Resources 🖷 Compile Log 📵 Debug 🖫 Find Results 🍵 Console 🔛 Close
                     - Errors: 0
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```

3. Find the output of the following program #include<iostream>

```
usingnamespacestd;
intN = 10;
intmain()
 staticintx = 1;
 if(cout<< x << " "&& x++ < N &&main())
 { }
 return0;
EXECTION C:\Users\Sneha sree\Documents\ass3 3.cpp - [Executing] - Embarcadero Dev-C++ 6.3
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                   1 #include<iostream>
                   2
                       using namespace std;
                   3
                   4
                      int N = 10;
                   5
                   6 int main()
                   7 🛭 {
                          static int x = 1;
if(cout<< x << " "&& x++ < N &&main())</pre>
                   8
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                  13 <sup>[</sup> }
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```

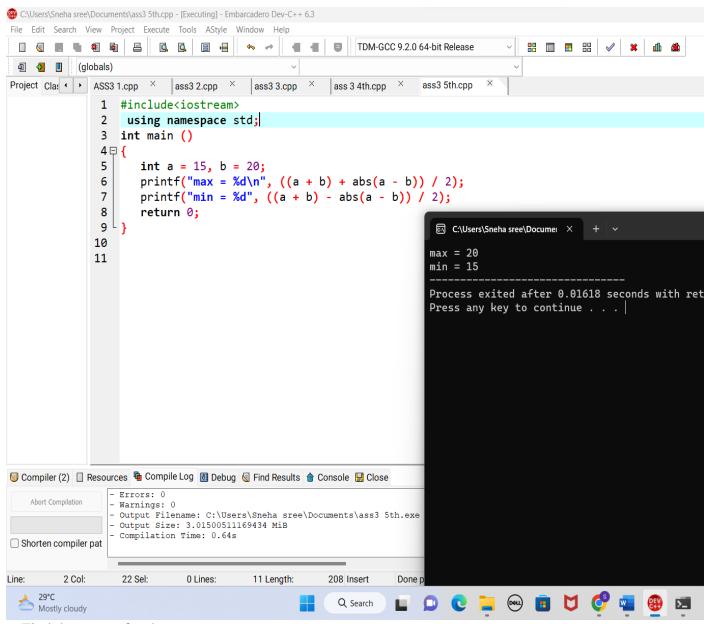
## 4. Identify the error / output of the program

```
#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;

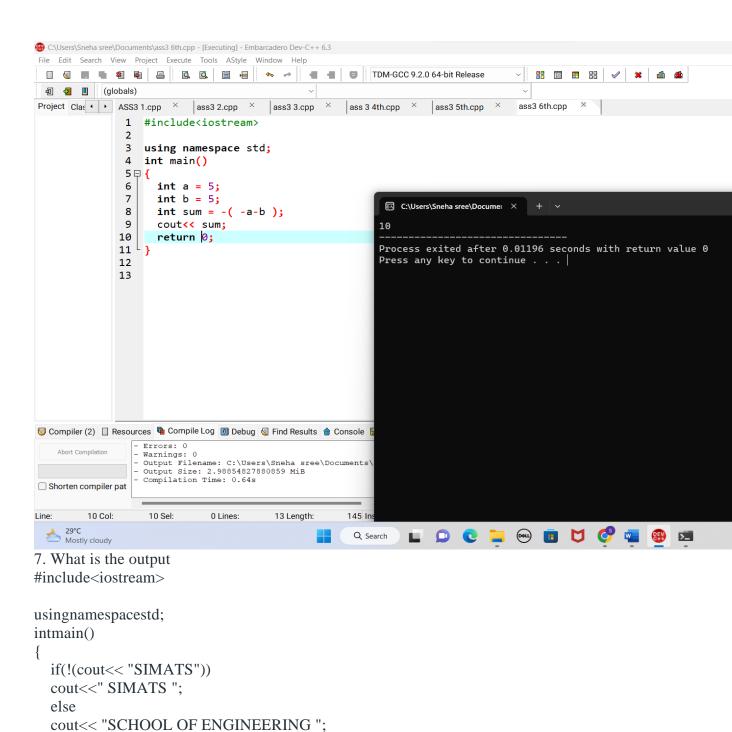
    C:\Users\Sneha sree\Documents\ass 3 4th.cpp - [Executing] - Embarcadero Dev-C++ 6.3
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Project Clas • ASS3 1.cpp × ass3 2.cpp × ass3 3.cpp × ass 3 4th.cpp
               1 #include<iostream>
               2 using namespace std;
                                                                            C:\Users\Sneha sree\Docume: × + ~
               4 int main()
               5 ₽ {
                      int x = 10;
               6
                                                                             : 10
               7
                      int y = 70;
               8
                                                                           Process exited after 0.01372 seconds with return value 0
               9
                      x = x + y;
                                                                           Press any key to continue . . .
              10
                      y = x - y;
                      x = x - y;
              11
              12
                      cout<< "X : "<< x << "\n";
              13
                      cout<< "Y : "<< y << "\n";
              14
              15
              16
                      return 0;
              17 L 3
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Sompiler (2) ☐ Resources 🖣 Compile Log 🔞 Debug 🚭 Find Results 🛊 Console 🔛 Close
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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;
}
```



## 6. Find the output for the program.

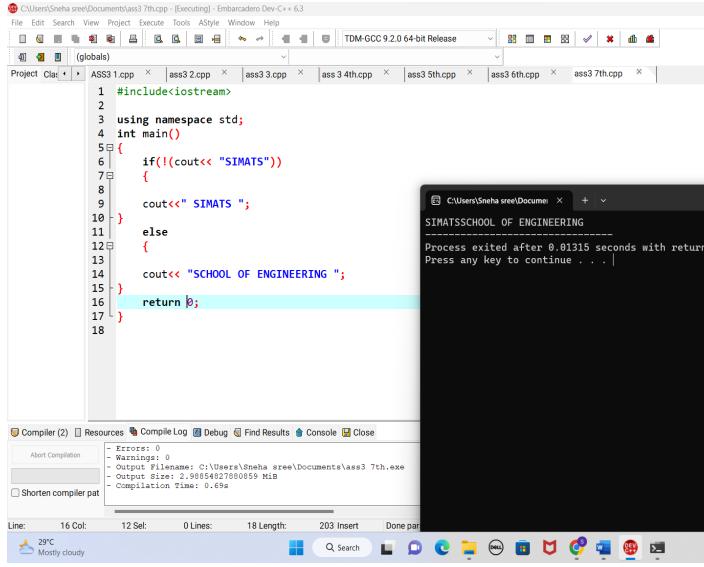
#include<iostream>

```
usingnamespacestd;
intmain()
{
  inta = 5;
  intb = 5;
  intsum = -( -a-b );
  cout<< sum;
  return0;
}</pre>
```



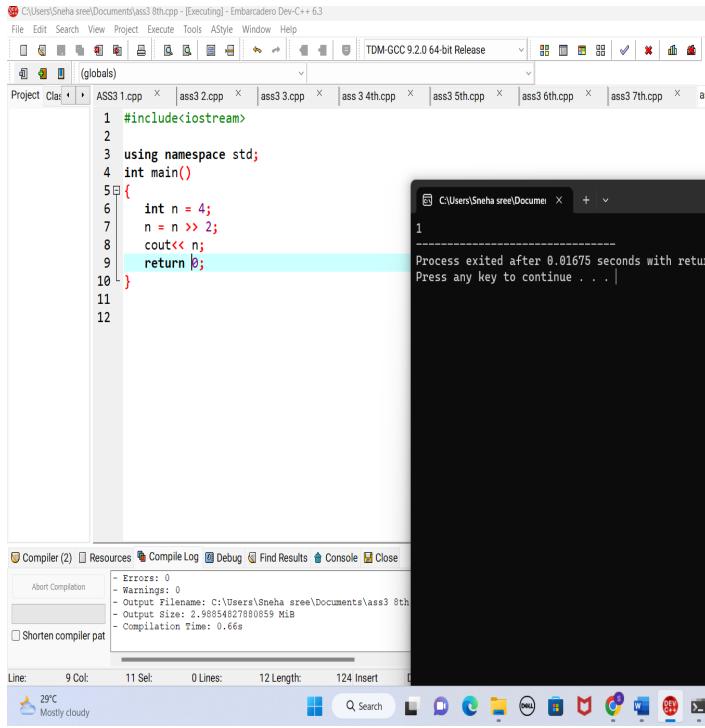
return0;

}



## 8. Find the output #include<iostream>

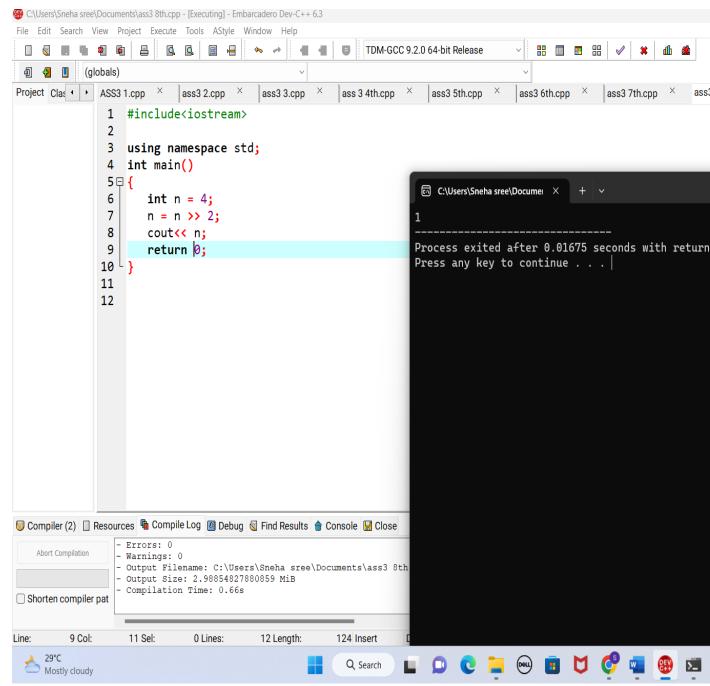
```
\begin{tabular}{ll} using names pacestd; \\ intmain() & \{ & \\ intn = 4; \\ n = n >> 2; \\ cout << n; \\ return0; & \} \end{tabular}
```



9. Find the output of following code:

#include<iostream>

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



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

```
\label{eq:usingnamespacestd} \begin{split} &usingnamespacestd;\\ &intmain() \\ &\{ \\ &intn = 4;\\ &n = n >> 2;\\ &cout << n; \end{split}
```

return0

