ASSIGNMENT-03

1. Idnetify the error for the following programs, #include<iostream> intmain() cout<< "\"geeksforgeeks\"";</pre> OUTPUT:

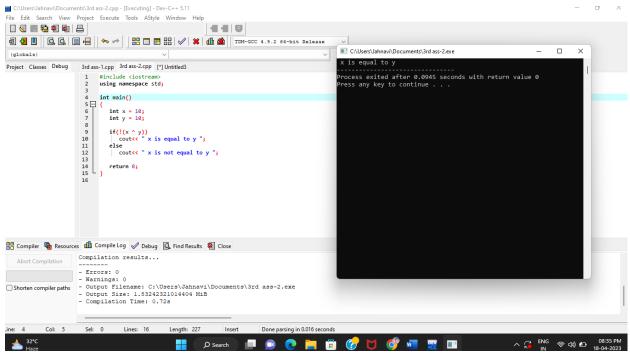
C:\Users\Jahnav\IDocuments\3rd ass-I.cpp - Dev-C++ 5.11 File Edit Search View Project Execute Tools AStyle Window Help 448 (globals) Project Classes Debug Compiler (5) 🖷 Resources 🛍 Compile Log 🤣 Debug 🗓 Find Results 🐉 Close C:\Users\Jahnavi\Documents\3rd ass-1.cpp In function 'int intmain()': 4 1 C:\Users\Uahnavi\Documents\3rd ass-1.cpp
4 1 C:\Users\Uahnavi\Documents\3rd ass-1.cpp [Note] suggested alternative:
In file included from C:\Users\Jahnavi\Documents\3rd ass-1.cpp 0 C:\Users\Jahnavi\Documents\3rd ass-1.cpp In file included f
18 C:\Program Files (x86)\Dev-Cpp\MinGW64\lib\gcc\x86.... [Note] 'std::cout'

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 ";

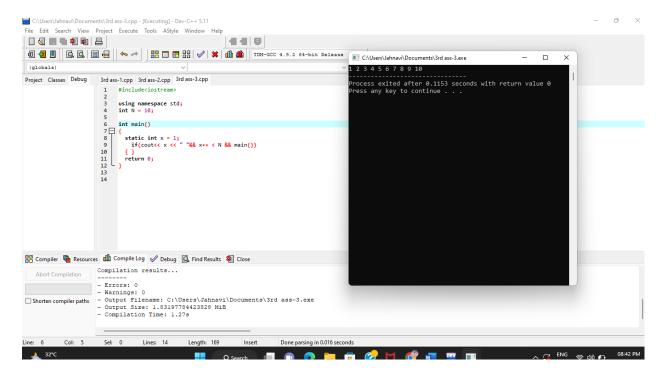
  return0;
}
OUTPUT:</pre>
```



3. Find the output of the following program

#include<iostream>

```
usingnamespacestd;
intN = 10;
intmain()
{
    staticintx = 1;
    if(cout<< x << " "&& x++ < N &&main())
    { }
    return0;
}
OUTPUT:</pre>
```



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

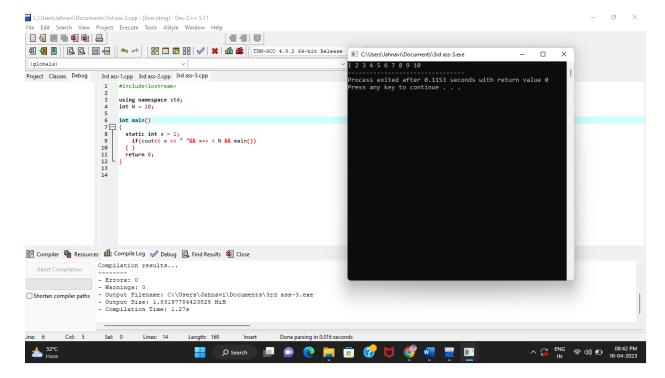
bits/stdc++.h> usingnamespacestd;

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

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

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

  return0;
}
OUTPUT:</pre>
```



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:
C:\UserSuhnavi\Uocuments\srd ass-o.cpp - [Executing] - Dev-C++ o.11
File Edit Search View Project Execute Tools AStyle Window Help
448
                                                                                          C:\Users\Jahnavi\Documents\3rd ass-5.exe
                                                                                                                                         - □ ×
Project Classes Debug
                   3rd ass-1.cpp 3rd ass-2.cpp 3rd ass-3.cpp 3rd ass-4.cpp 3rd ass-5.cpp
                                                                                           cocess exited after 0.074 seconds with return value 0 ress any key to continue . . . \blacksquare
                    int main ()

{
    int a = 15
    printf("main return 0;
    }
}
                           int a = 15, b = 20;
printf("max = %d\n", ((a + b) + abs(a - b)) / 2);
printf("min = %d", ((a + b) - abs(a - b)) / 2);
return 0;
Compiler Resources Compile Log 🗸 Debug 🗓 Find Results 🕷 Close
  Abort Compilation Compilation results...
O Search
```

```
#include<iostream>
usingnamespacestd;
intmain()
     inta = 5;
     intb = 5;
     intsum = -(-a-b);
     cout<< sum;
     return0;
OUTPUT:
CiUsers\Jahnav\Documents\3rd ass-6.cpp - [Executing] - Levens - Le
  C:\Users\Jahnavi\Documents\3rd ass-6.exe
                                                     3rd ass-1.cpp | 3rd ass-2.cpp | 3rd ass-3.cpp | 3rd ass-4.cpp | 3rd ass-5.cpp | 3rd ass-6.cpp
                                                                                                                                                                                                                                                     rocess exited after 0.0552 seconds with return value 0 ress any key to continue . . .
                                                         1 #include<iostream>
2
                                                       2
3 using namespace std;
int main()
5 ( int a = 5;
int b = 5;
int b = 5;
s int sum = -( -a-b );
cout<< sum;
return 0;
11
12
13
🔡 Compiler 🖷 Resources 🛍 Compile Log 🤣 Debug 🗓 Find Results 🍇 Close
       Abort Compilation | Compilation results...
Abort Compilation

Errors: 0

Warnings: 0

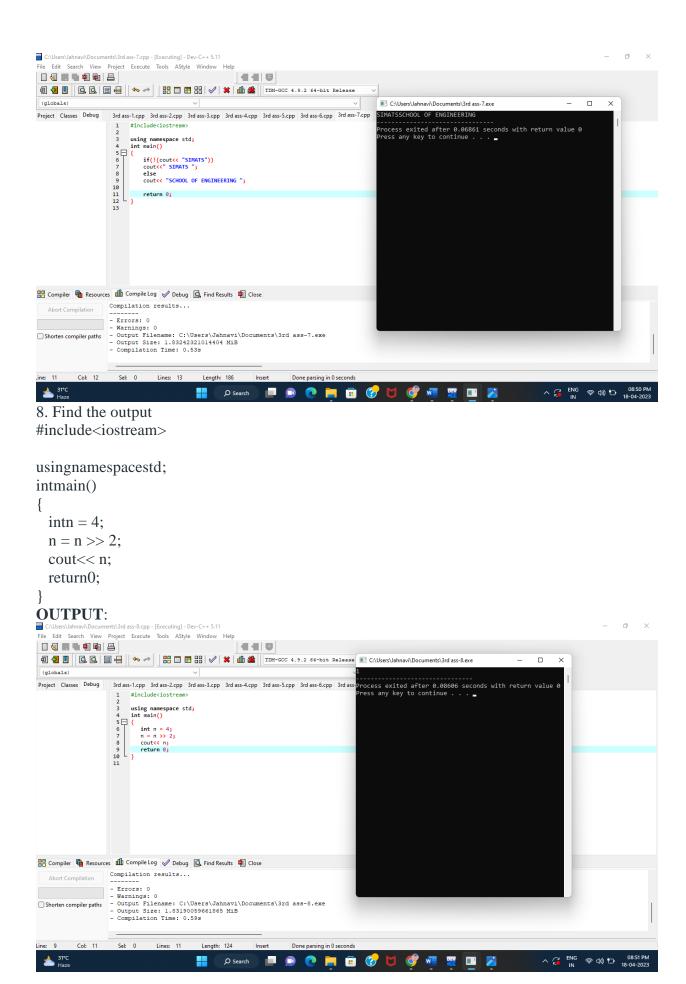
Output Filename: C:\Users\Jahnavi\Documents\3rd ass-6.exe

Output Size: 1.83190059661865 MiB

Compilation Time: 0.55s
 ine: 10 Col: 10 Sel: 0 Lines: 13
                                                                                                                   Ø Search
                                                                                                                                                                     7. What is the output
#include<iostream>
usingnamespacestd;
intmain()
            if(!(cout<< "SIMATS"))</pre>
            cout<<" SIMATS ";
            else
            cout<< "SCHOOL OF ENGINEERING";
            return0;
```

6. Find the output for the program.

OUTPUT:



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

```
usingnamespacestd;
intmain()
         intn = 4;
         n = n >> 2;
         cout << n;
         return0;
- o ×
    | (global#) | Project Classes | Debug | 3rd ass-1.cpp 3rd ass-2.cpp 3rd ass-3.cpp 3rd ass-4.cpp 3rd ass-5.cpp 3rd ass-5.cpp 3rd ass-6.cpp 3rd 
                                                                1 #include<iostream>
2
3 using ==
                                                              Compiler Resources Compile Log 🗸 Debug 🗓 Find Results 🕸 Close
      Abort Compilation Compilation results...
 - Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Jahnavi\Documents\3rd ass-8.exe
- Output Size: 1.83190059661865 MiB
- Compilation Time: 0.59s
Line: 9 Col: 11 Sel: 0 Lines: 11
                                                                                                                                     Length: 124
```

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

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

