

1. Identify the error for the following programs,

```
#include<iostream>
int main()
{
    cout << "\"geeksforgeeks\"";
}
```

Ans: error:

line 1: #include<iostream.h>

2. What will be the output of the following program

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

```
int main()
{
    int x = 10;
    int y = 10;

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

    return 0;
}
```

Ans:

Output:

x is equal to y

3. Find the output of the following program

```
#include<iostream>
```

```
using namespace std;
int N = 10;
```

```
int main()
{
    static int x = 1;
```

```

if (cout << x << " " && x++ < N && main())
{ }
return 0;
}

```

Ans:

Output:

1 2 3 4 5 6 7 8 9 10

4. Identify the error / output of the program

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

```
using namespace std;
```

```

int main()
{
    int x = 10;
    int y = seventy;

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

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

    return 0;
}

```

Ans:

Errors:

Line 7: int y=70;

Output:

X:70

Y:10

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

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

```

int main ()
{
    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;
}

```

Ans:

The header file `<bits/stdc++. H>` is not a standard header file of the GNU C++ library; if we try to use it in other compilers, it might fail. Hence it is also not a portable header, and therefore we should avoid using it.

6. Find the output for the program.

```

#include<iostream>

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

```

Ans:

Output:

10

7. What is the output

```

#include<iostream>

```

```

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

    return 0;
}

```

Ans: output:

SIMATSSCHOOL OF ENGINEERING

8. Find the output

```
#include<iostream>
```

```
using namespace std;
```

```
int main()
```

```
{
```

```
    int n = 4;
```

```
    n = n >> 2;
```

```
    cout << n;
```

```
    return 0;
```

```
}
```

Ans

Output: 1

9. Find the output of following code:

```
#include<iostream>
```

```
using namespace std;
```

```
int main()
```

```
{
```

```
    int n = 4;
```

```
    n = n >> 2;
```

```
    cout << n;
```

```
    return 0;
```

Ans: error:

In line 10: closed bracket ‘}’

Output:

1

10. Find the output of following code:

```
#include<iostream>
```

```
using namespace std;
```

```
int main()
```

```
{
```

```
    int n = 4;
```

```
    n = n >> 2;
```

```
    cout << n;
```

```
    return 0;
```

Ans: error:

In line 10: closed brackets are missing ‘}’
Output:

1