

# Computer Graphics

## - Getting Started (Questions)

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# Possible Questions

What is the output of the following code?

```
#include <iostream>

int main()
{
    std::cout << "Hello World!\n";
    std::cout << "1\n";
    //std::cout << "2\n";
    //std::cout << "3\n";
    std::cout << "4";
    /*std::cout << "5\n";
    std::cout << "6\n";*/
    std::cout << "7\n";
    return 0;
}
```

# Possible Questions

What is the output of the following code?

```
#include <iostream>

int main()
{
    std::cout << "Hello World!\n";
    std::cout << "1\n";
    //std::cout << "2\n";
    //std::cout << "3\n";
    std::cout << "4";
    /*std::cout << "5\n";
    std::cout << "6\n";*/
    std::cout << "7\n";
    return 0;
}
```

```
Hello World!
1
47
```

# Possible Questions

What is the output of the following code?

```
#include <iostream>

int fun(int a)
{
    return 2 * a * a;
}

int main()
{
    int a = 5;
    std::cout<<fun(a)<<"\n";
    return 0;
}
```

# Possible Questions

What is the output of the following code?

```
#include <iostream>

int fun(int a)
{
    return 2 * a * a;
}

int main()
{
    int a = 5;
    std::cout<<fun(a)<<"\n";
    return 0;
}
```

50

# Possible Questions

Correct the code:

```
#include <iostream>

int main()
{
    a = 5;
    std::cout<<"a*a="<<square(a)<<"\n";
    return 0;
}

int square(int a)
{
    return a * a;
}
```

# Possible Questions

Correct the code:

```
#include <iostream>
int square(int a);
int main()
{
    int a = 5;
    std::cout<<"a*a="<<square(a)<<"\n";
    return 0;
}

int square(int a)
{
    return a * a;
}
```

# Possible Questions

What is the output of the following code?

```
#include <iostream>

int main()
{
    int a = 5, b;
    b = ++a;
    std::cout << a << " " << b << "\n";

    int c = 5, d;
    d = c++;
    std::cout << c << " " << d;
    return 0;
}
```

# Possible Questions

What is the output of the following code?

```
#include <iostream>

int main()
{
    int a = 5, b;
    b = ++a;
    std::cout << a << " " << b << "\n";

    int c = 5, d;
    d = c++;
    std::cout << c << " " << d;
    return 0;
}
```

```
6 6
6 5
```

# Possible Questions

What is the output of the following code?

```
#include <iostream>

int main()
{
    int x = 5, y = 4;

    if (!(x == y + 1))
        std::cout << "A\n";
    if ((x == 5) && (y != 5))
        std::cout << "B\n";
    if ((x == y + 1) || (y == x))
        std::cout << "C\n";

    return 0;
}
```

# Possible Questions

What is the output of the following code?

```
#include <iostream>

int main()
{
    int x = 5, y = 4;

    if (!(x == y + 1))
        std::cout << "A\n";
    if ((x == 5) && (y != 5))
        std::cout << "B\n";
    if ((x == y + 1) || (y == x))
        std::cout << "C\n";

    return 0;
}
```

B  
C

# Possible Questions

What is the output of the following code?

```
#include <iostream>

int main()
{
    int a*;
    int b;

    a = &b;
    *a = 1;
    std::cout << b << "\n";

    return 0;
}
```

# Possible Questions

What is the output of the following code?

```
#include <iostream>

int main()
{
    int a*;
    int b;

    a = &b;
    *a = 1;
    std::cout << b << "\n";

    return 0;
}
```

1

# Possible Questions

What is the output of the following code?

```
#include <iostream>

void fun(double &x)
{
    x = x / 2 - 1;
    std::cout << x << "\n";
}

int main()
{
    double x = 10;
    fun(x);
    fun(x);

    return 0;
}
```

# Possible Questions

What is the output of the following code?

```
#include <iostream>

void fun(double &x)
{
    x = x / 2 - 1;
    std::cout << x << "\n";
}

int main()
{
    double x = 10;
    fun(x);
    fun(x);

    return 0;
}
```

4  
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