# Polymorphism

A Shapes example

```
class Circle : public Shape {
public:
   virtual void draw() override { /* code */ };
   virtual void rotate() override { /* code */ };
   virtual ~Circle() {};
   . . .
};
```

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Abstract Classes As Interfaces

Overview (/course/beginning-c-plus-plus-programming/learn/lecture/

Back to All Questions (/course/beginning-c-plus-plus-programming/learn#questions)



MK

## const Specifier for the "print" method

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Mohamad (/user/mohamad-kanj/) · Lecture 191 · 6 months ago

Hi Frank,

How does the `print` method qualify to have a const specifier? Aren't we changing the method argument `os` when we're adding something to the stream like `os<<"Display Account";` in the body [i.e. changing the os] ?

Many thanks in advance.

**1 reply** Following replies

Frank J. (/user/frank-j-mitropoulos/) — Instructor ★
6 months ago

1

Hi Mohamad,

The const qualifier in this case tells the compiler that *this object must not be modified, not the parameter.
So our code cannot modify the Printable object, but it can modify the ostream parameter.

Best regards,
Frank

JW

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