

[Sign up](#)[Code](#)[Issues](#) 0[Pull requests](#) 0[Projects](#) 0[Actions](#)[Wiki](#)[Security](#)[Pulse](#)

Branch: master ▾

[Find file](#)[Copy path](#)[cpp_kursu_odevleri](#) / [inheritance](#) / inheritance_12.md

Fetching contributors...



34 lines (28 sloc) | 544 Bytes

[Raw](#)[Blame](#)[History](#)

According to the C++17 standard, what is the output of this program?

a) it is guaranteed to output : b) syntax error c) undefined behavior d) implementation defined / specified

```
#include <iostream>

struct Base {
    virtual std::ostream &put(std::ostream &os) const
    {
        return os << 'B';
    }
};

struct Der : Base {
    virtual std::ostream &put(std::ostream &os) const
    {
        return os << 'D';
    }
};

std::ostream &operator<<(std::ostream &os, const Base &baseref)
{
    return baseref.put(os);
}

int main() {
    Der der;
    std::cout << der;
}
```

