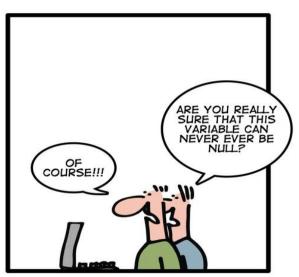
Functors, std::functions

SIMPLY EXPLAINED



NullPointerException

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Functors

double x = doubler(5);

- A functor is pretty much just a class or a struct which defines the operator(). That lets you create objects which "look like" a function.
- One is that unlike regular functions, they can contain state. class Multiplier { //functor classs double y; public: Multiplier(double y): y{y}{}; double operator()(double x) { return x * y;} Multiplier doubler{2}; // Initialize