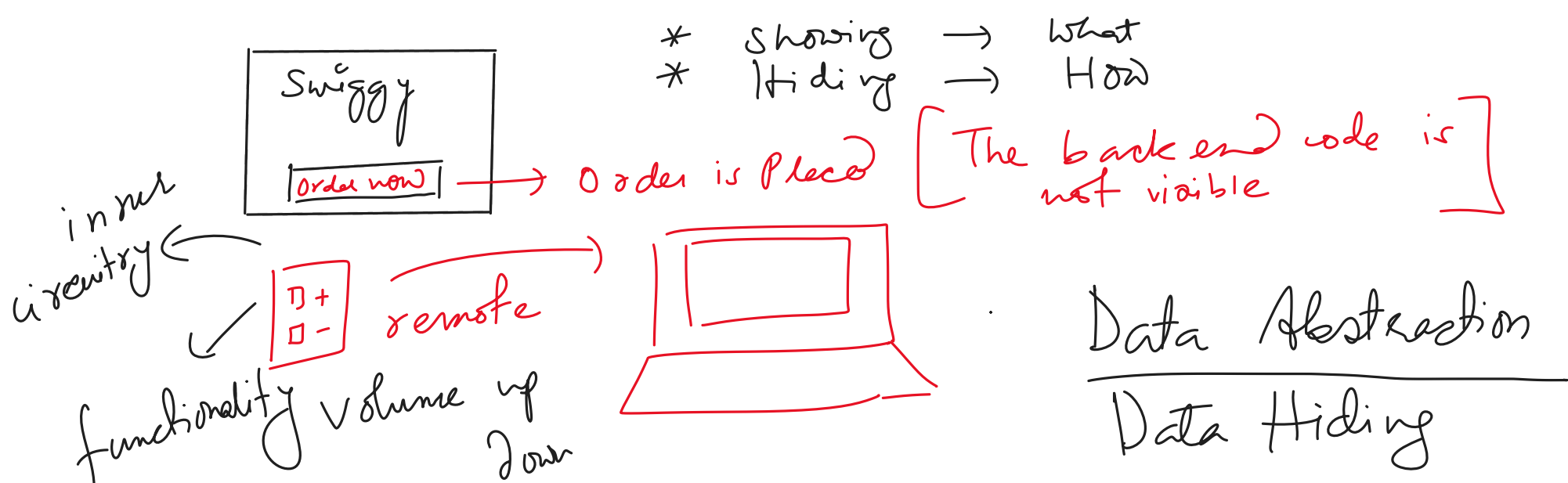


OOP : Continued! (Abstraction) or (Data Abstraction)

Definition → Hiding the unnecessary implementation details & only showing the necessary functionality and operations to the end user is known as data abstraction. It is used for better user-experience, so that the user stays longer on our application and it's easy for them to use the app.



Abstraction can be achieved in many ways:

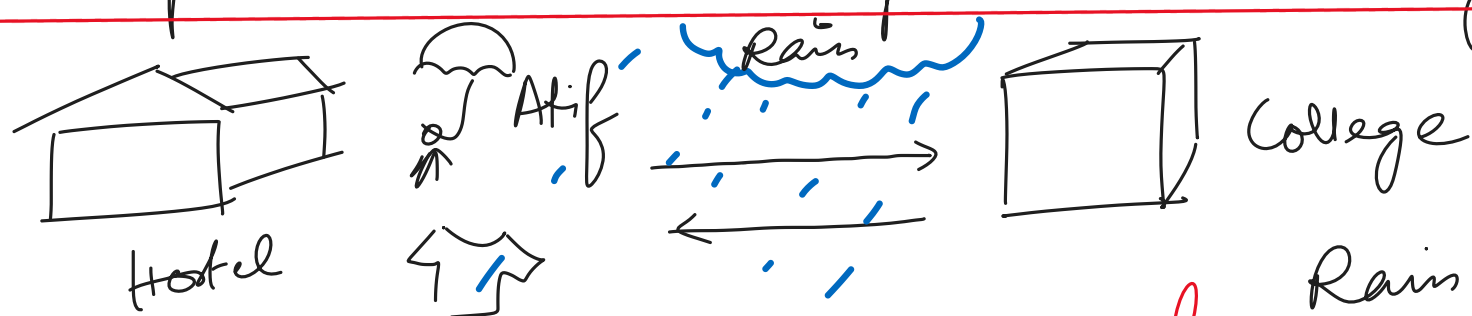
- ① By using access specifiers "private"
 - ② (Pure Virtual Functions) (Interface) Java
 - ③ Partial Abstraction (Concrete + Abstract) methods CPP
- * (Example)

Implement a payment gateway system using partial abstraction in C++ for :

- ① Card
- ② UPI
- ③ Cash

Boseh Tech
Reva :
2nd September, 25

Exceptions & Exception Handling



Anything that disturbs the normal flow of execution of code is an exception.

The process of handling exceptions is called Exception Handling.

The destructor in C++ is used instead of the finally block.

Rain Exception
Umbrella / Raincoat is Handler called

try :
task()
except :
give message()
finally : mandatory()