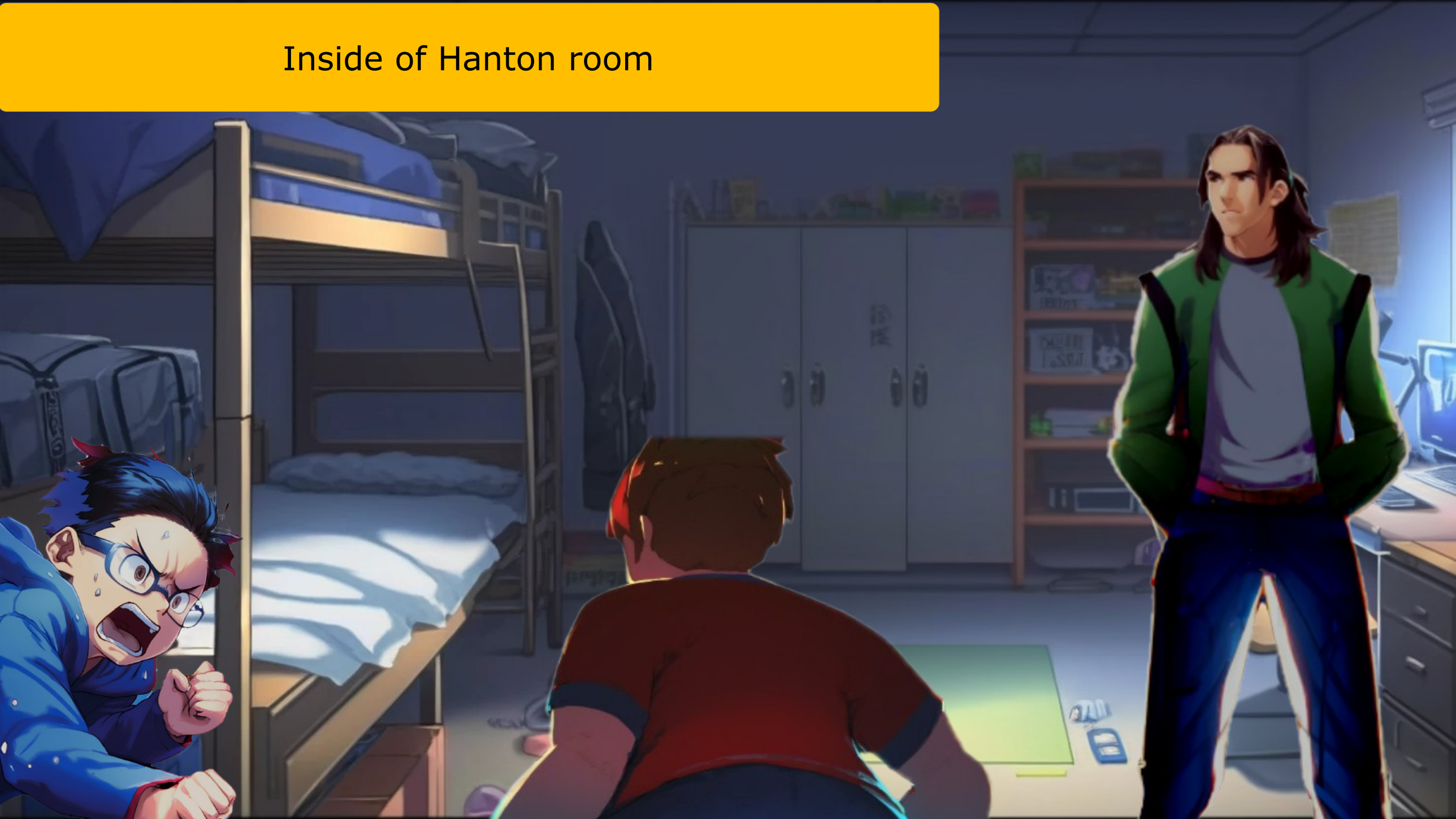
Inside of Hanton room



Inside of Hanton room

Inside of Hanton room

Inside of Hanton room


The notes!
The forbidden tome
of Hanton's knowledge


Oh, NO !
I… I cannot believe it!


Are they so unbelievably good?


Are they so unbelievably good?
No... this is just...


Are they so unbelievably good?
No... this is just...
a list of timestamps

Pupon: Lec1 – 9:40 :
“It can not be done with only two variables,
It is mathematically proven.”

Nope: Just use this trivial one-liner
b = a + (a=b)*0;

Pupon: Lec3 – 9:10
“A try block always throws at most one exception,
and all exceptions are propagated to the caller.”

Nope:
In Java we have suppressed exceptions now!

```
class MyResource implements AutoCloseable {
  public void doSomething(){
    throw new IllegalArgumentException();
  }
  public void close(){
    throw new NullPointerException();
  }
  static void main(String[] a){
  try(var r = new MyResource()){ r.doSomething(); }
  }
}
```

This main throws an exception e of type
IllegalArgumentException, with
e.getSuppressed()[0] instanceof NullPointerException

Pupon: Lec4 – 9:23 :
“We can never be sure if assertions are enabled”

Nope: Just add this at the start of your main

```
try{ assert false; throw new Error("..."); }
catch(AssertionError){}
```

Pupon: Lec4 – 15:16 :
“Assertions need to be enabled from the command line with option –ea”

Nope: we can enable them programmatically via

```
ClassLoader.getSystemClassLoader()
    .setDefaultAssertionStatus(true);
```

This also shows the nature of class loading:

```
public class Main {
  public static void main(String[]a){
    //First the class Main is loaded
    ClassLoader.getSystemClassLoader()
      .setDefaultAssertionStatus(true);
    assert false:"ignored, no error";
    System.out.println("Hello");//Prints no problem
    Other.method();       //Loading class ‘Other’
  }
}
class Other{
  static void method(){
    assert false:"Error here";
    System.out.println("World"); //Not printed
  }
}
```


This is so confusing


This is so confusing
Wow, those are pretty advanced remarks. But... why the time stamps?


This is so confusing
Wow, those are pretty advanced remarks. But... why the time stamps?
Is it possible that …

Pupon: Lec5 - 9:37 :
“Java does not have the comma operator of C/C++”

Nope: the comma operator is present in Java, but only in the third component of the ‘for’:

```
for(int x=0,y=1;x<10;x+=1,y=x+y+1){/*..*/}
```

However, using it is often considered bad style.

Pupon: Lec5 - 9:55 :
“In Java, Lists are serializable”

Nope: Not only we can define our own non serializable list, but even the common java.util.ArrayList$SubList is not serializable

Those are obtained by calling the .subList(..) method.

However, many kinds of lists are serializable:
- ArrayList,
- List.of(),
- List.copyOf()
- Stream.toList()


The timestamps are all and only the moments when Pupon was wrong.

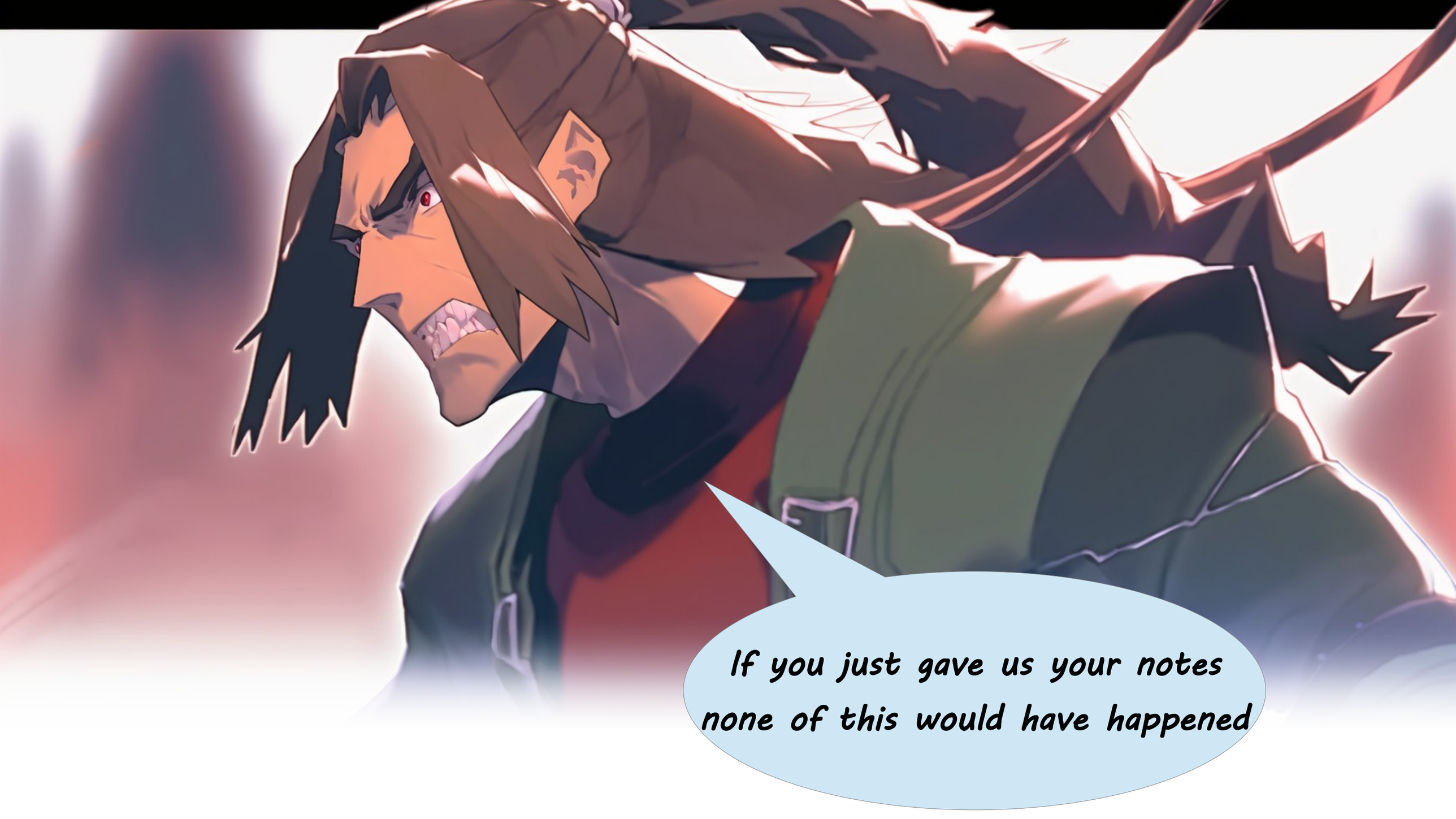

The timestamps are all and only the moments when Pupon was wrong.
Hanton!


The timestamps are all and only the moments when Pupon was wrong.
Oh, no, he's got us!
Hanton!

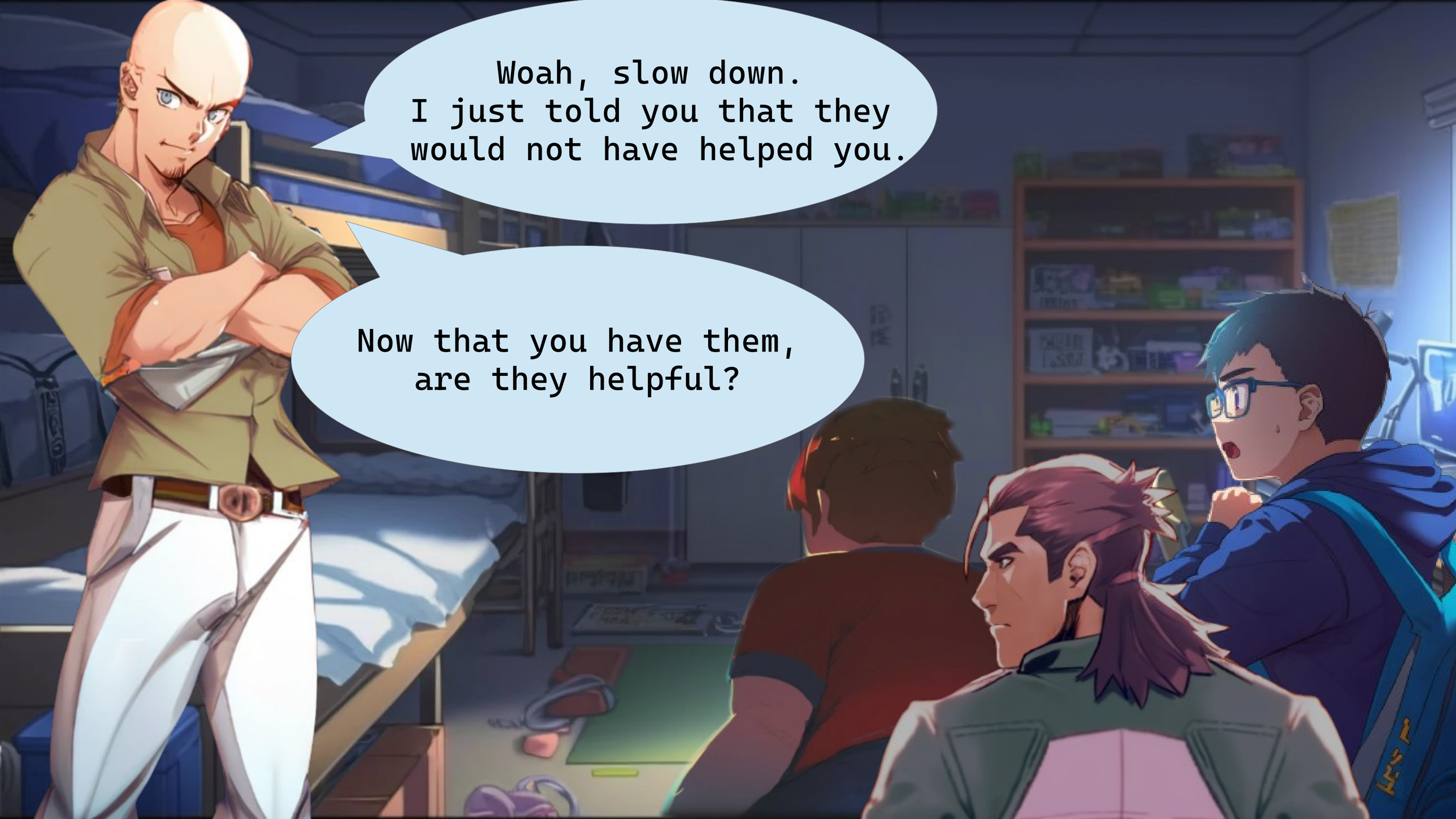

Why are you
in my dorm room?

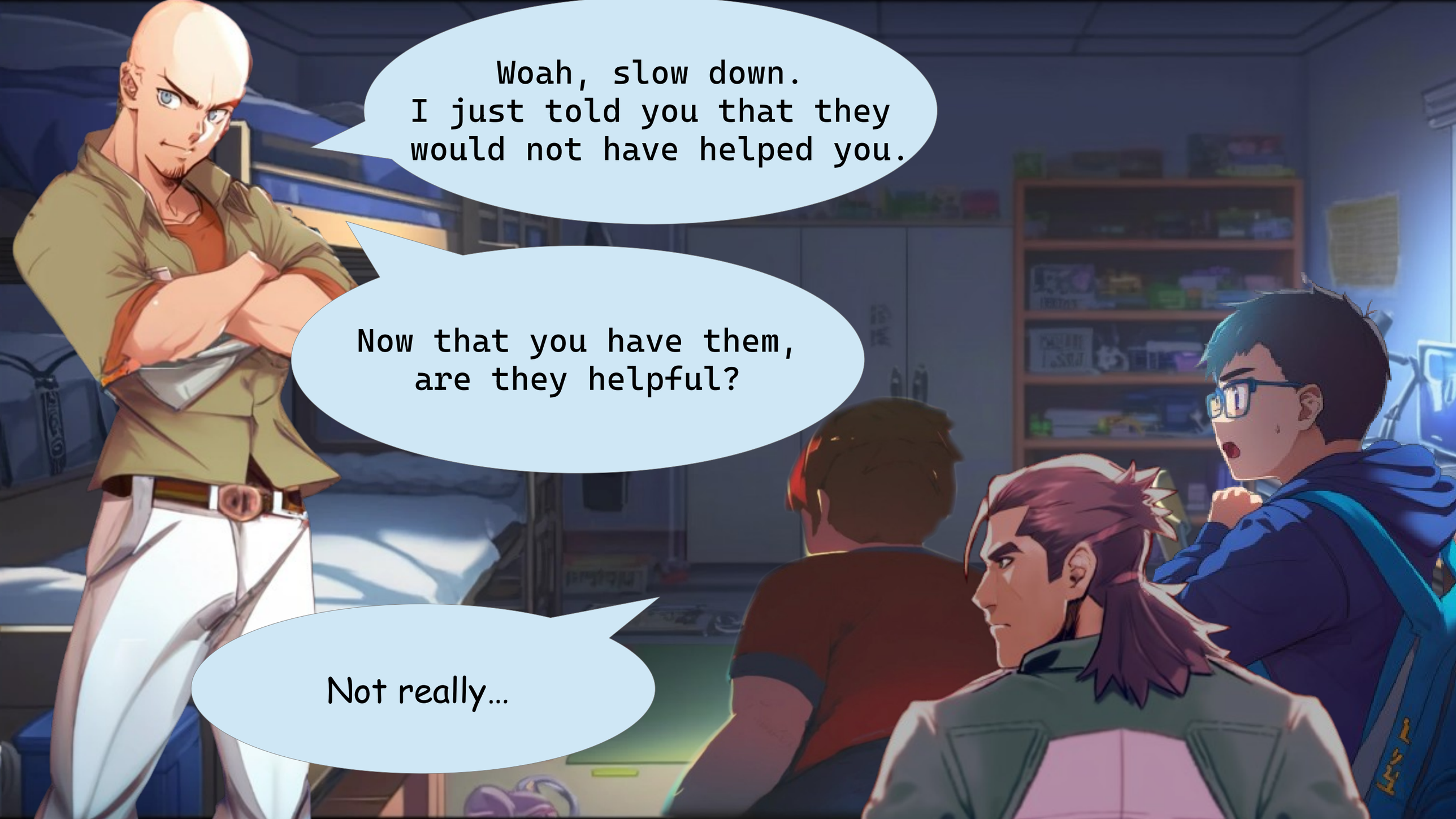

Why are you
in my dorm room?
Wait, we can explain …


Why are you
in my dorm room?
Wait, we can explain …
What, you broke my window
to get in?


If you just gave us your notes
none of this would have happened


Woah, slow down.
I just told you that they would not have helped you.


Woah, slow down.
I just told you that they would not have helped you.
Now that you have them, are they helpful?


Woah, slow down.
I just told you that they would not have helped you.
Now that you have them, are they helpful?
Not really...


Told you so!


Now,
is there something
ELSE
I can do for you?


Hey Hanton … sorry, we should not have broken in your room.


Hey Hanton … sorry, we should not have broken in your room.
Tonight
I’m going to be cold.
They will not fix the window until tomorrow!


Yea, we messed up big time.
But we are so desperate.


Yea, we messed up big time.
But we are so desperate.
We can not understand
records and classes.


Yea, we messed up big time.
But we are so desperate.
We can not understand
records and classes.
Are we going to just fail?


So, … why did you bunch not just ask for help? I could just have tutored you.


So, … why did you bunch not just ask for help? I could just have tutored you.
As I said: “is there something else I can do for you?”


Are you... for real?


Are you... for real?
Will you tutor us even after we broke into your room?


Of course!
Your stupidity
does not reach me.


Of course!
Your stupidity
does not reach me.
See you all tomorrow
in the cafeteria.


Of course!
Your stupidity
does not reach me.
See you all tomorrow
in the cafeteria.
But,
you will have to pay me.
What about 245 dollars?


245 dollars? Are you insane?


If you asked earlier,
I would have done
it for free.


If you asked earlier,
I would have done
it for free.
But fixing
a window in the dorm, …
it costs 245 dollars!