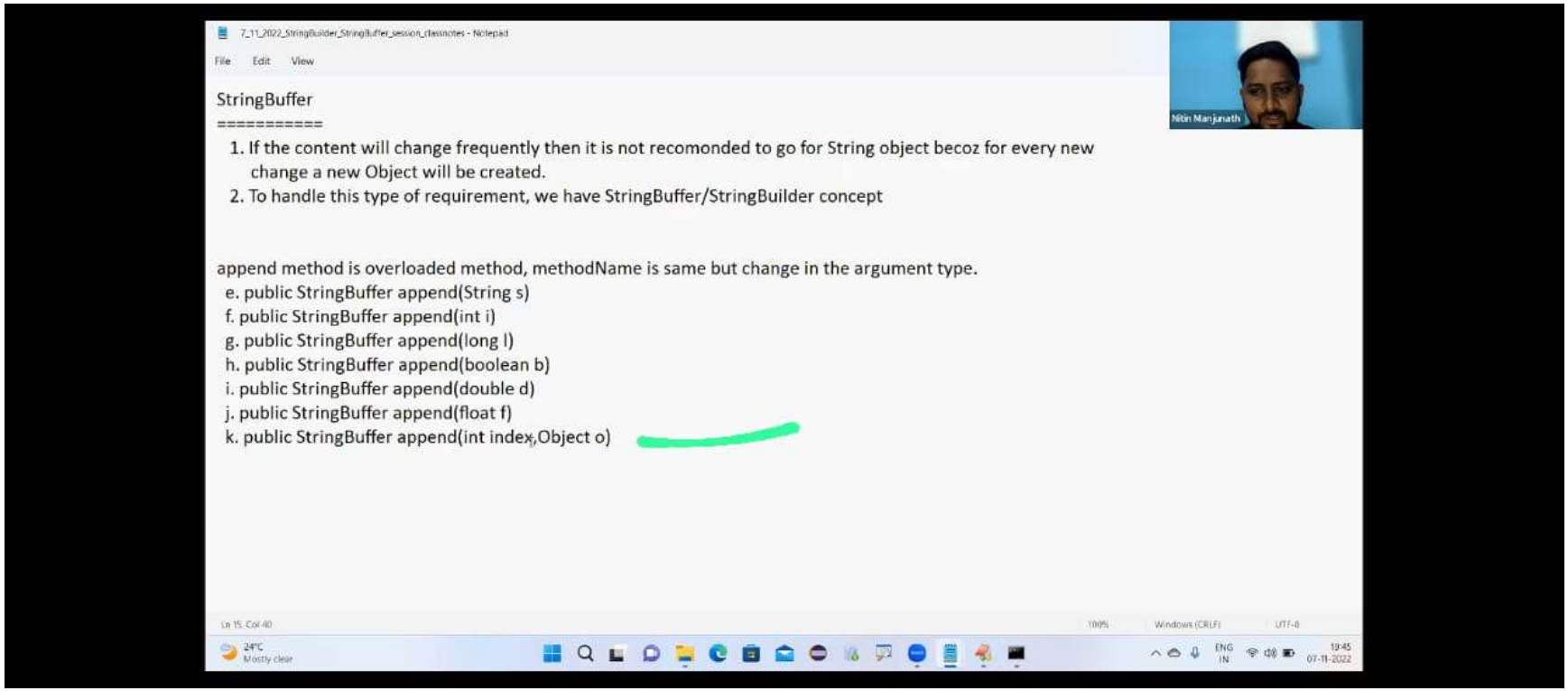
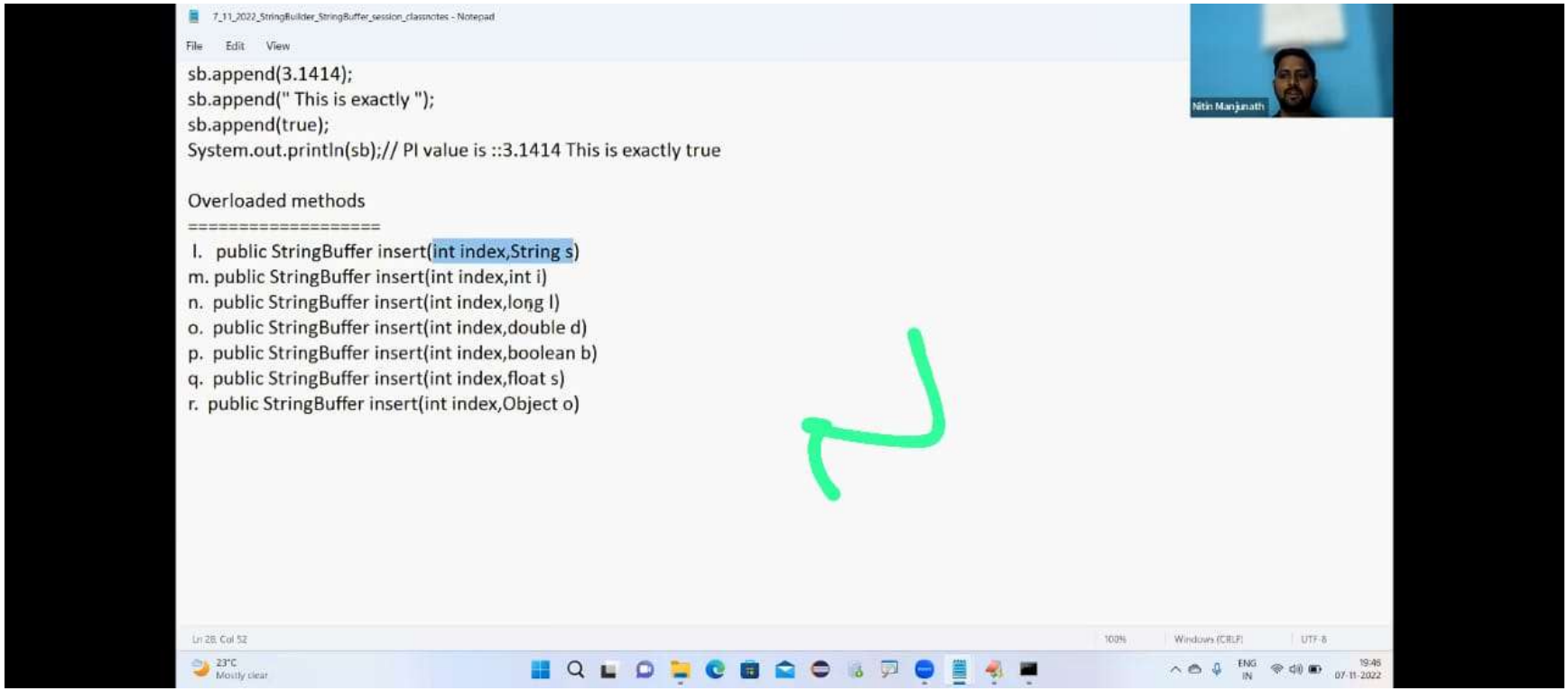
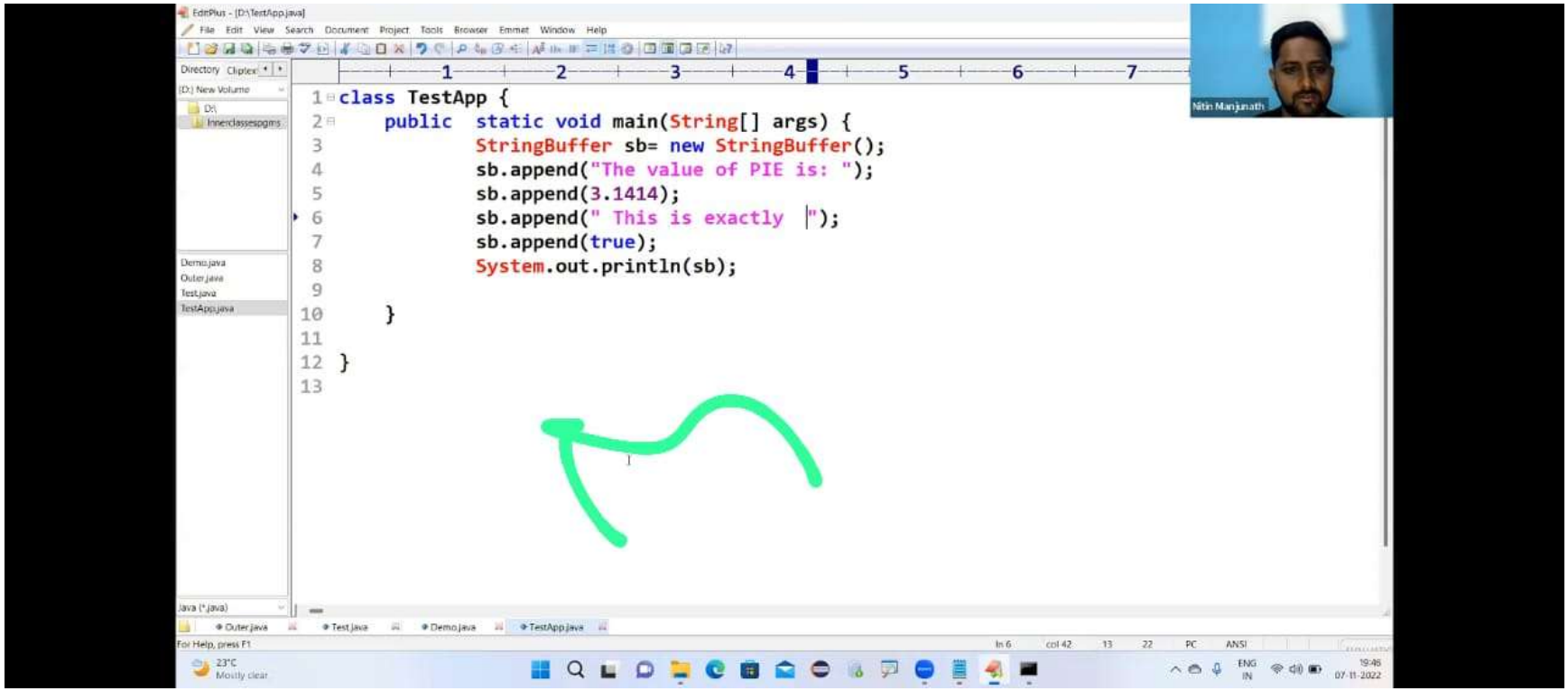
StringBuffer And Some String Programs




7_11_2022_StringBuilder_StringBuffer_session_classnotes - Notepad
File Edit View
sb.append(3.1414);
sb.append(" This is exactly ");
sb.append(true);
System.out.println(sb);// PI value is ::3.1414 This is exactly true
Overloaded methods
==========
l. public StringBuffer insert(int index,String s)
m. public StringBuffer insert(int index,int i)
n. public StringBuffer insert(int index,long l)
o. public StringBuffer insert(int index,double d)
p. public StringBuffer insert(int index,boolean b)
q. public StringBuffer insert(int index,float s)
r. public StringBuffer insert(int index,Object o)
Nitin Manjunath
Ln 28, Col 52
100%
Windows (CRLF)
UTF-8
23°C
Mostly clear
ENG
IN
19:46
07-11-2022


EditPlus - [D:\TestApp.java]
File Edit View Search Document Project Tools Browser Emmet Window Help
Directory Cliptext
(D:) New Volume
D:\
Innerclassespgms
Demo.java
Outer.java
Test.java
TestApp.java
Java (*.java)
Outer.java
Test.java
Demo.java
TestApp.java
For Help, press F1
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class TestApp {
public static void main(String[] args) {
StringBuffer sb= new StringBuffer();
sb.append("The value of PIE is: ");
sb.append(3.1414);
sb.append(" This is exactly ");
sb.append(true);
System.out.println(sb);
}
}
23°C
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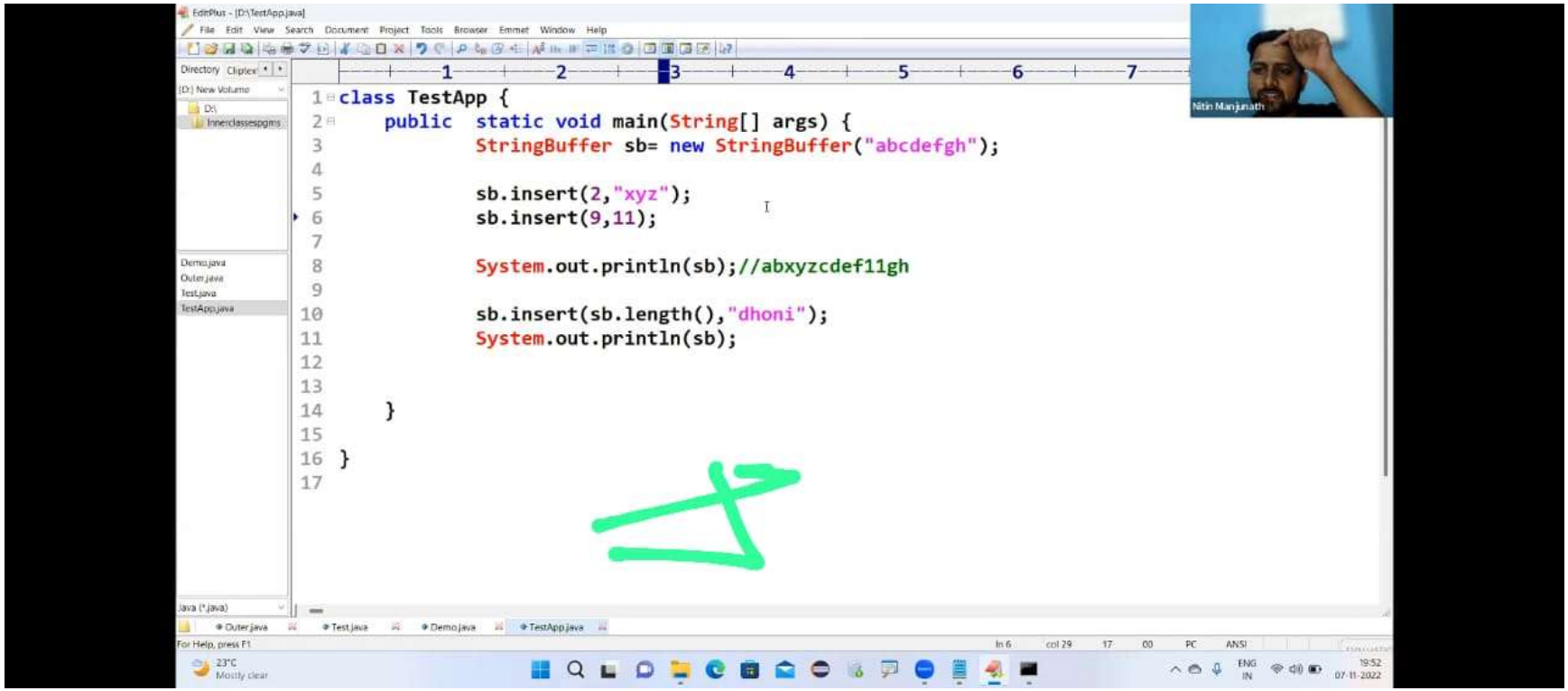
19:48
07-11-2022


EditPlus - [D:\TestApp.java]
File Edit View Search Document Project Tools Browser Emmet Window Help
Directory Cliptext
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Demo.java
Outer.java
Test.java
TestApp.java
Java (*.java)
Outer.java
Test.java
Demo.java
TestApp.java
For Help, press F1
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class TestApp {
public static void main(String[] args) {
StringBuffer sb= new StringBuffer("abcdefgh");
sb.insert(2,"xyz");
sb.insert(9,11);
System.out.println(sb);//abxyzcdef11gh
sb.insert(sb.length(),"dhoni");
System.out.println(sb);
}
}
23°C
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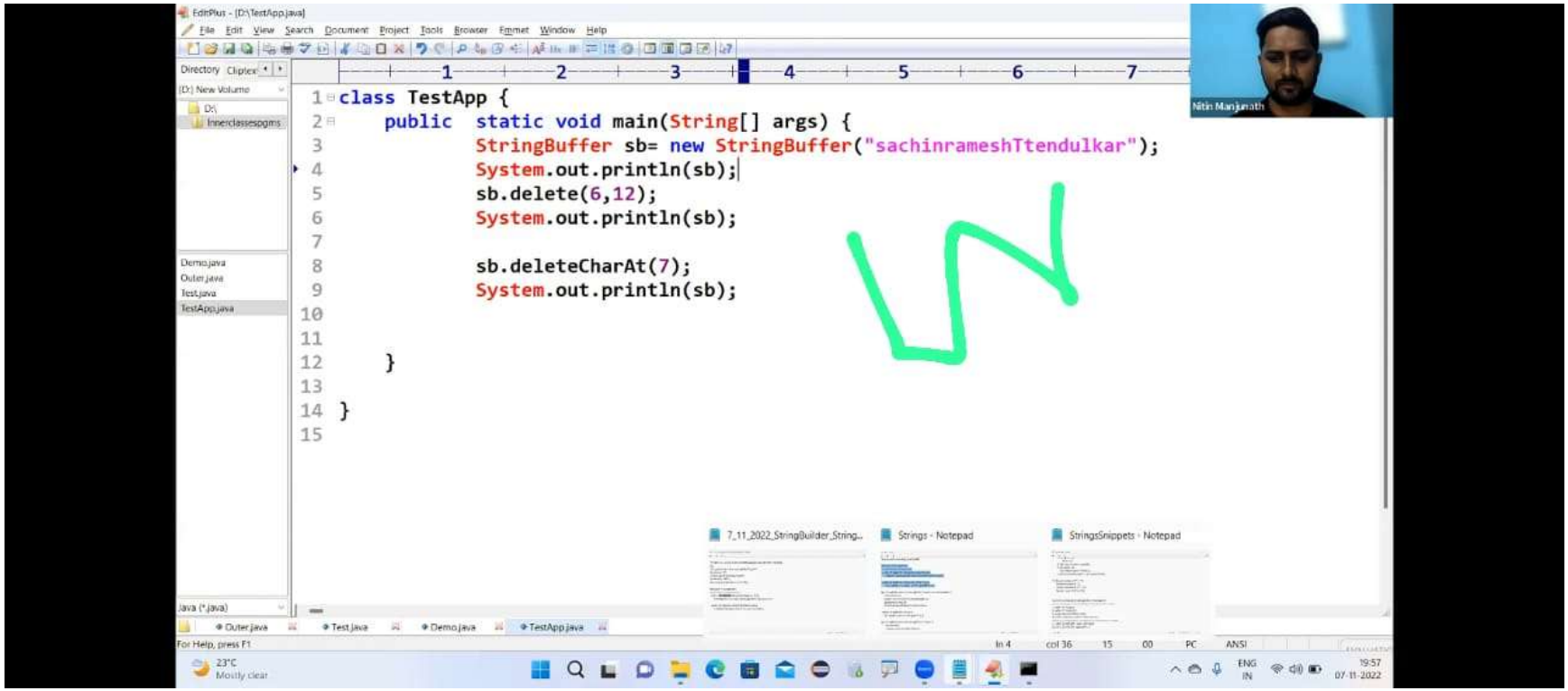
ENG
IN
07-11-2022


EditPlus - [D:\TestApp.java]
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Directory Cliptext
(D:) New Volume
D:\
Innerclassespgms
Demo.java
Outer.java
Test.java
TestApp.java
Java (*.java)
1 class TestApp {
2 public static void main(String[] args) {
3 StringBuffer sb= new StringBuffer("sachinrameshTtendulkar");
4 System.out.println(sb);
5 sb.delete(6,12);
6 System.out.println(sb);
7
8 sb.deleteCharAt(7);
9 System.out.println(sb);
10
11
12 }
13
14 }
15
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7_11_2022_StringBuilder_String...
Strings - Notepad
StringsSnippets - Notepad
Outer.java
Test.java
Demo.java
TestApp.java
For Help, press F1
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23°C
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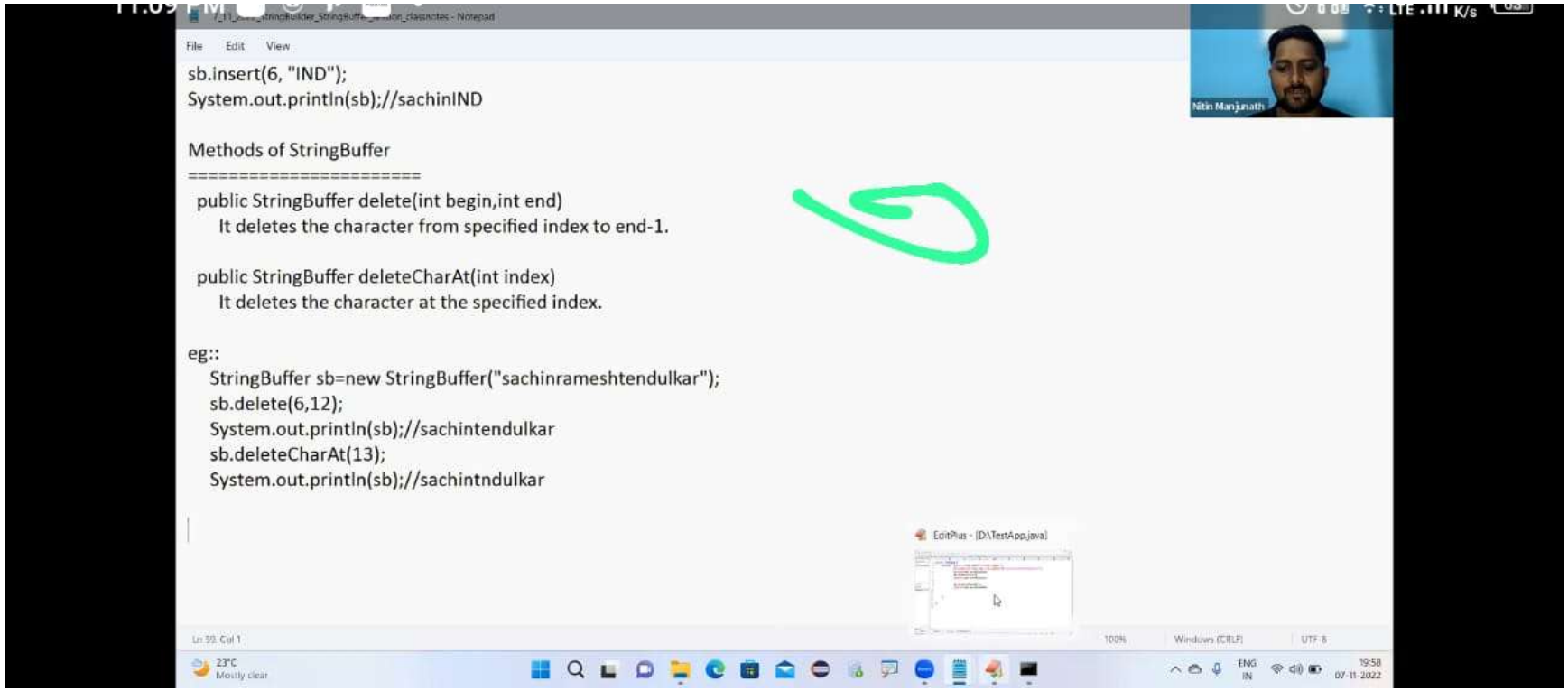
07-11-2022


File Edit View
sb.insert(6, "IND");
System.out.println(sb);//sachinIND
Methods of StringBuffer
public StringBuffer delete(int begin,int end)
It deletes the character from specified index to end-1.
public StringBuffer deleteCharAt(int index)
It deletes the character at the specified index.
eg::
StringBuffer sb=new StringBuffer("sachinrameshtendulkar");
sb.delete(6,12);
System.out.println(sb);//sachintendulkar
sb.deleteCharAt(13);
System.out.println(sb);//sachintndulkar
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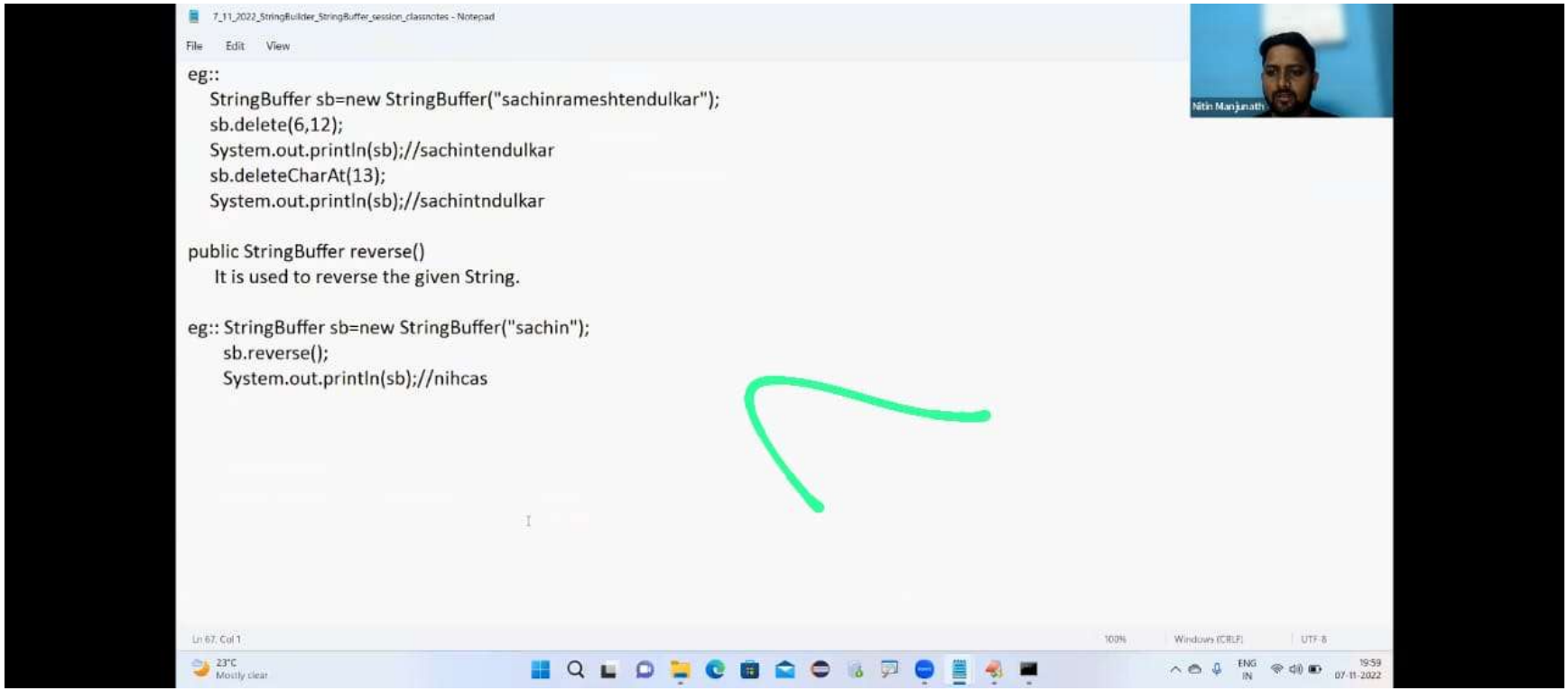
EditPlus - [D:\TestApp.java]


7_11_2022_StringBuilder_StringBuffer_session_classnotes - Notepad
File Edit View
eg::
StringBuffer sb=new StringBuffer("sachinrameshtendulkar");
sb.delete(6,12);
System.out.println(sb);//sachintendulkar
sb.deleteCharAt(13);
System.out.println(sb);//sachintndulkar
public StringBuffer reverse()
It is used to reverse the given String.
eg:: StringBuffer sb=new StringBuffer("sachin");
sb.reverse();
System.out.println(sb);//nihcas
Nitin Manjunath
Ln 67, Col 1
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Windows (CRLF)
UTF-8
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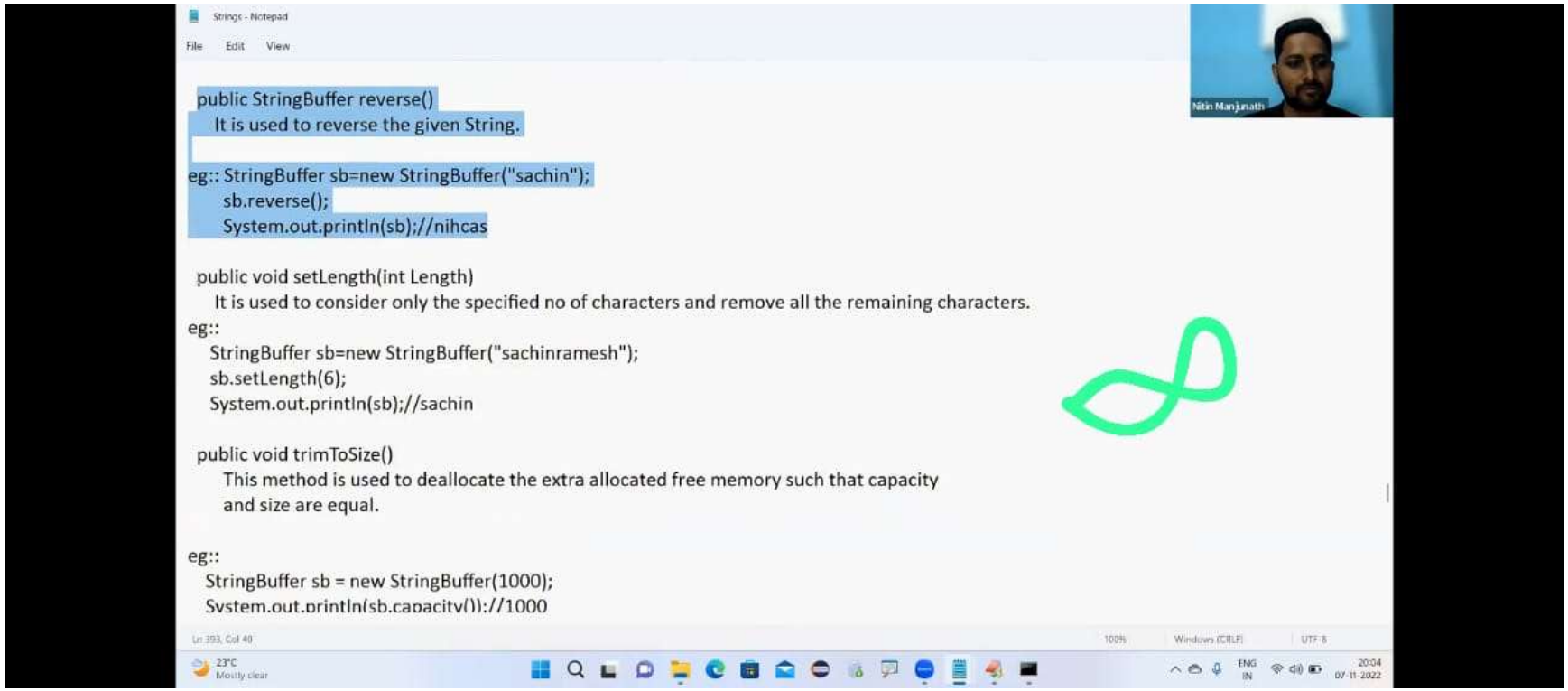
07-11-2022


Strings - Notepad
File Edit View
public StringBuffer reverse()
It is used to reverse the given String.
eg:: StringBuffer sb=new StringBuffer("sachin");
sb.reverse();
System.out.println(sb);//nihcas
public void setLength(int Length)
It is used to consider only the specified no of characters and remove all the remaining characters.
eg::
StringBuffer sb=new StringBuffer("sachinramesh");
sb.setLength(6);
System.out.println(sb);//sachin
public void trimToSize()
This method is used to deallocate the extra allocated free memory such that capacity
and size are equal.
eg::
StringBuffer sb = new StringBuffer(1000);
System.out.println(sb.capacity());//1000
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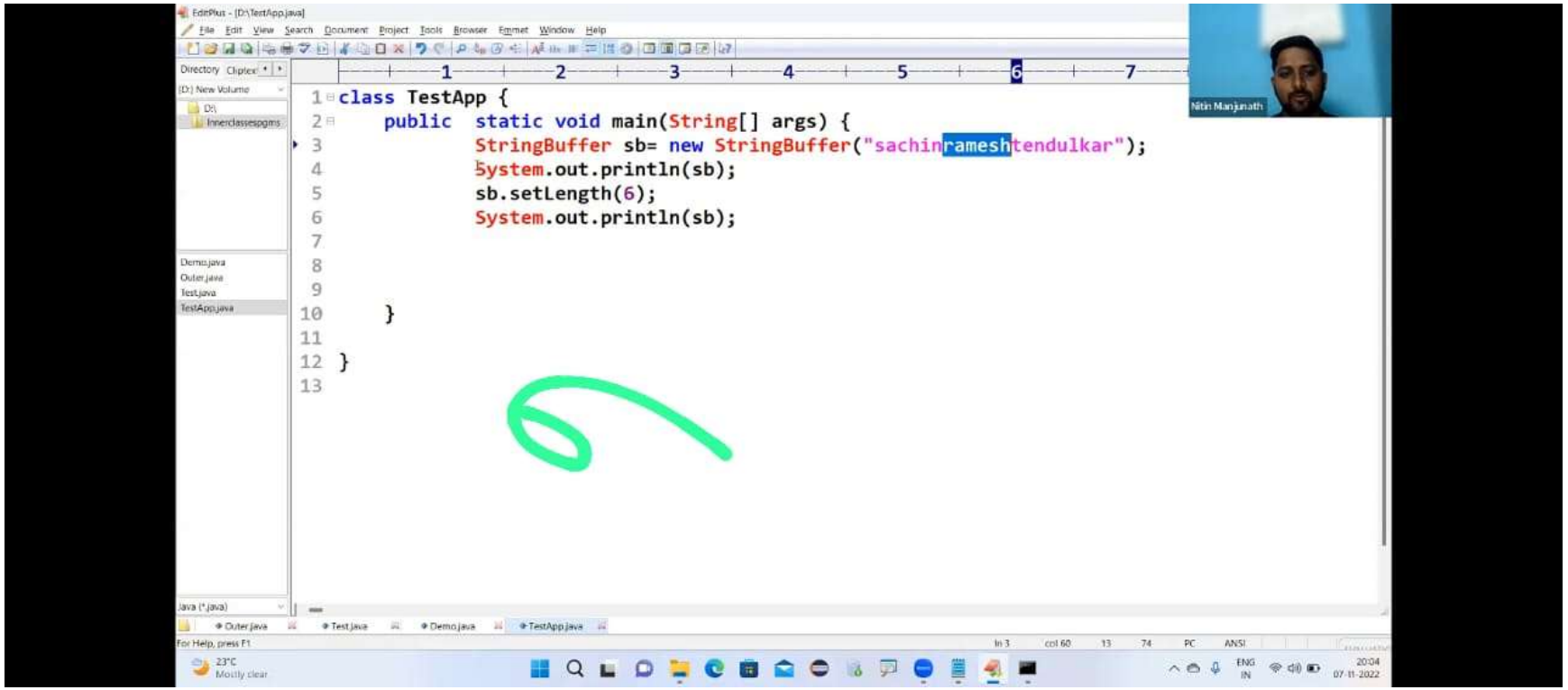
EditPlus - [D:\TestApp.java]
File Edit View Search Document Project Tools Browser Format Window Help
Directory
(D:) New Volume
D:\
Innerclassespgms
Demo.java
Outer.java
Test.java
TestApp.java
Java (*.java)
Outer.java
Test.java
Demo.java
TestApp.java
For Help, press F1
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1 class TestApp {
2 public static void main(String[] args) {
3 StringBuffer sb= new StringBuffer("sachinrameshtendulkar");
4 System.out.println(sb);
5 sb.setLength(6);
6 System.out.println(sb);
7
8
9
10 }
11
12 }
13
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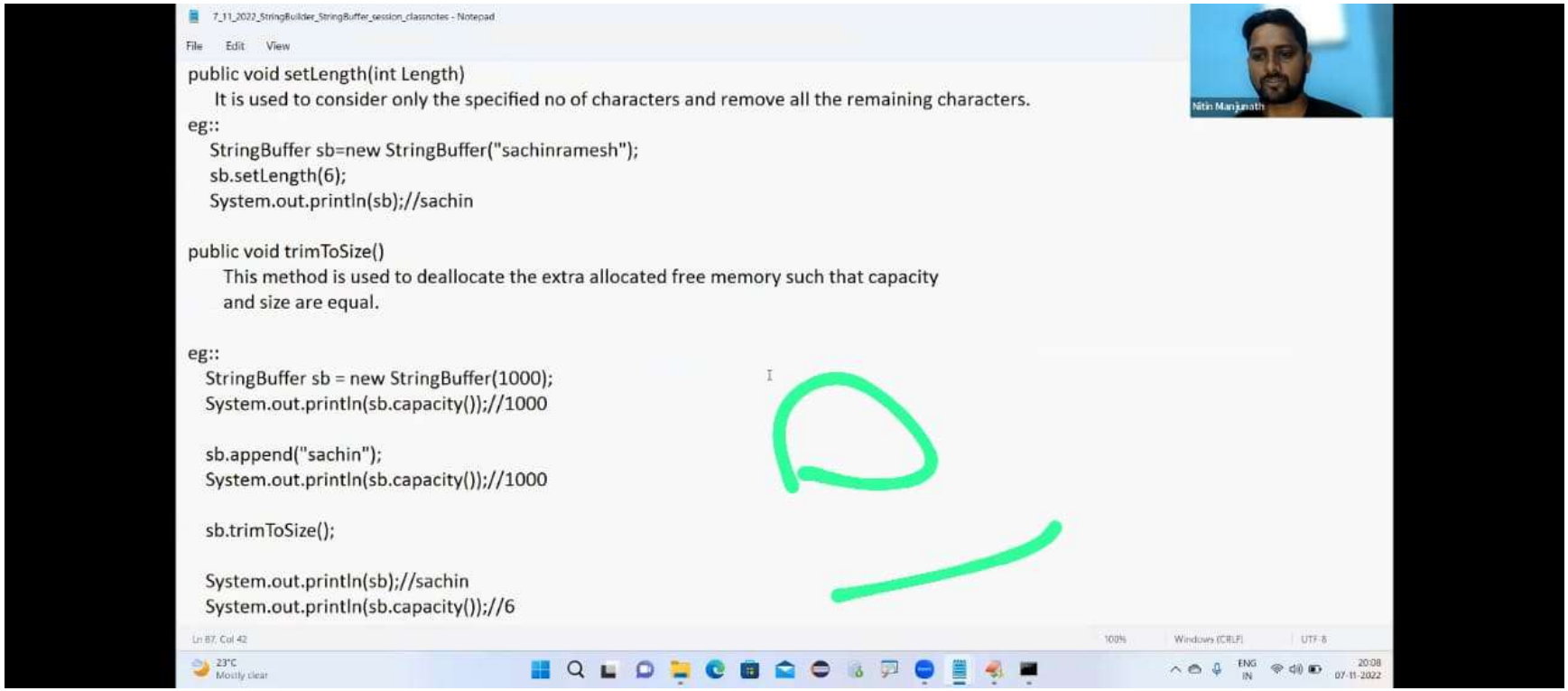
07-11-2022


7_11_2022_StringBuilder_StringBuffer_session_classnotes - Notepad
File Edit View
public void setLength(int Length)
It is used to consider only the specified no of characters and remove all the remaining characters.
eg::
StringBuffer sb=new StringBuffer("sachinramesh");
sb.setLength(6);
System.out.println(sb);//sachin
public void trimToSize()
This method is used to deallocate the extra allocated free memory such that capacity
and size are equal.
eg::
StringBuffer sb = new StringBuffer(1000);
System.out.println(sb.capacity());//1000
sb.append("sachin");
System.out.println(sb.capacity());//1000
sb.trimToSize();
System.out.println(sb);//sachin
System.out.println(sb.capacity());//6
Nitin Manjunath
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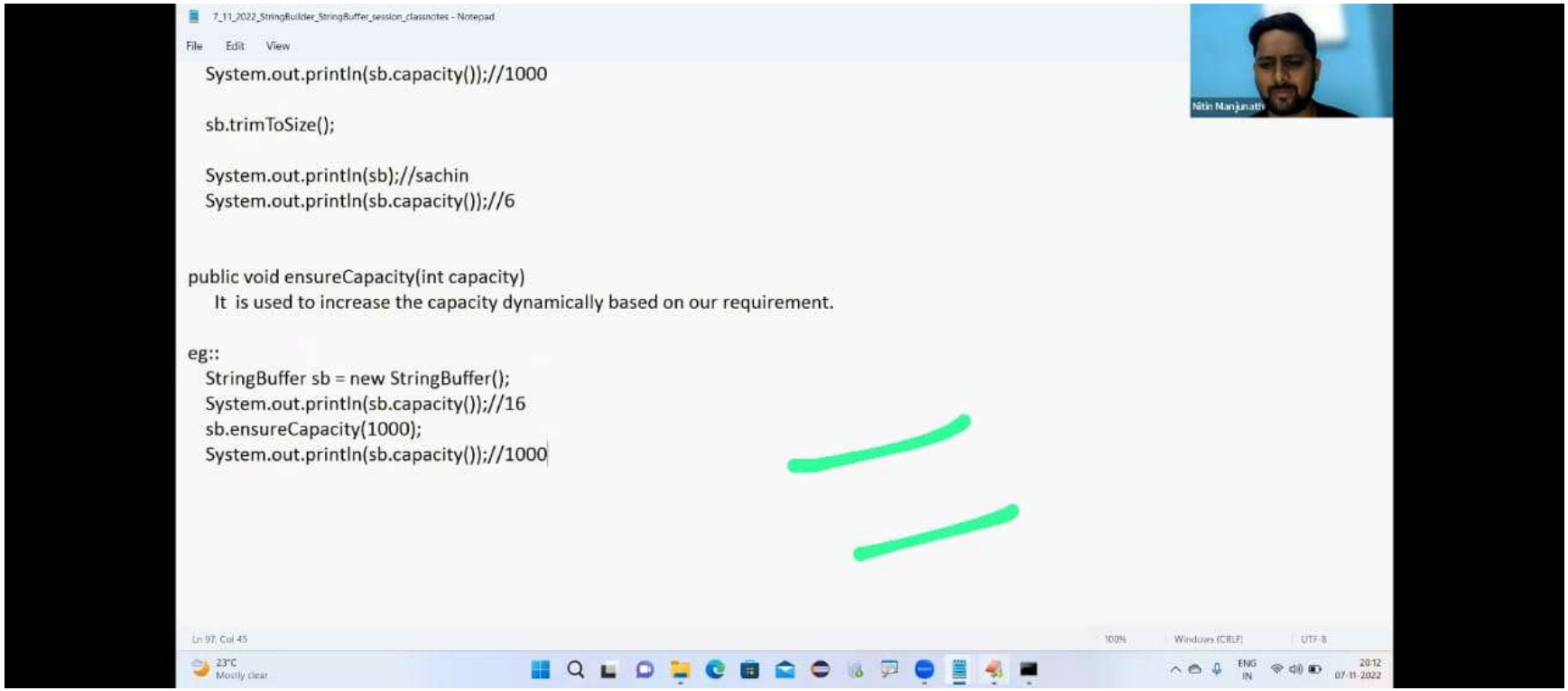
7_11_2022_StringBuilder_StringBuffer_session_classnotes - Notepad
File Edit View
System.out.println(sb.capacity());//1000
sb.trimToSize();
System.out.println(sb);//sachin
System.out.println(sb.capacity());//6
public void ensureCapacity(int capacity)
It is used to increase the capacity dynamically based on our requirement.
eg::
StringBuffer sb = new StringBuffer();
System.out.println(sb.capacity());//16
sb.ensureCapacity(1000);
System.out.println(sb.capacity());//1000
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UTF-8
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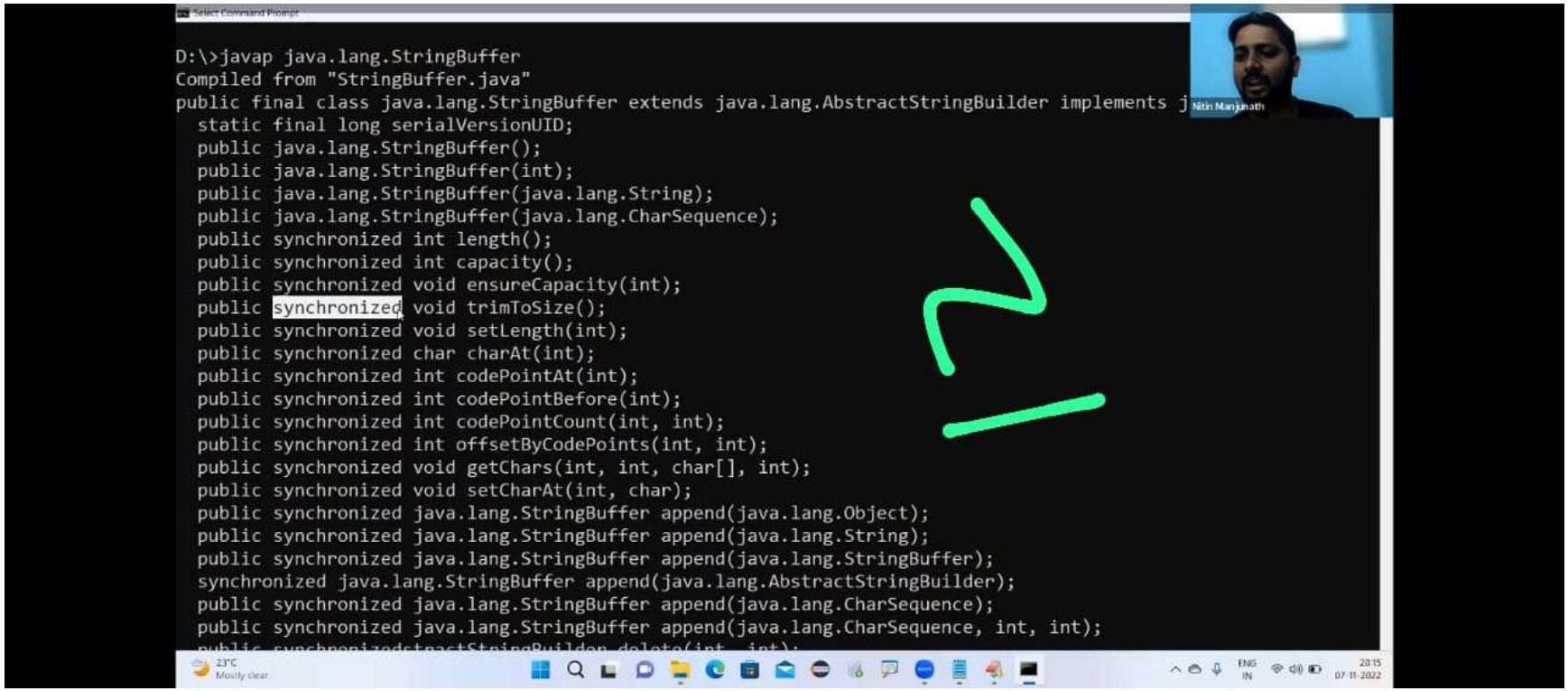
07-11-2022


Select Command Prompt
D:\>javap java.lang.StringBuffer
Compiled from "StringBuffer.java"
public final class java.lang.StringBuffer extends java.lang.AbstractStringBuilder implements j
static final long serialVersionUID;
public java.lang.StringBuffer();
public java.lang.StringBuffer(int);
public java.lang.StringBuffer(java.lang.String);
public java.lang.StringBuffer(java.lang.CharSequence);
public synchronized int length();
public synchronized int capacity();
public synchronized void ensureCapacity(int);
public synchronized void trimToSize();
public synchronized void setLength(int);
public synchronized char charAt(int);
public synchronized int codePointAt(int);
public synchronized int codePointBefore(int);
public synchronized int codePointCount(int, int);
public synchronized int offsetByCodePoints(int, int);
public synchronized void getChars(int, int, char[], int);
public synchronized void setCharAt(int, char);
public synchronized java.lang.StringBuffer append(java.lang.Object);
public synchronized java.lang.StringBuffer append(java.lang.String);
public synchronized java.lang.StringBuffer append(java.lang.StringBuffer);
synchronized java.lang.StringBuffer append(java.lang.AbstractStringBuilder);
public synchronized java.lang.StringBuffer append(java.lang.CharSequence);
public synchronized java.lang.StringBuffer append(java.lang.CharSequence, int, int);
Nitin Manjunath
23°C
Mostly clear
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IN
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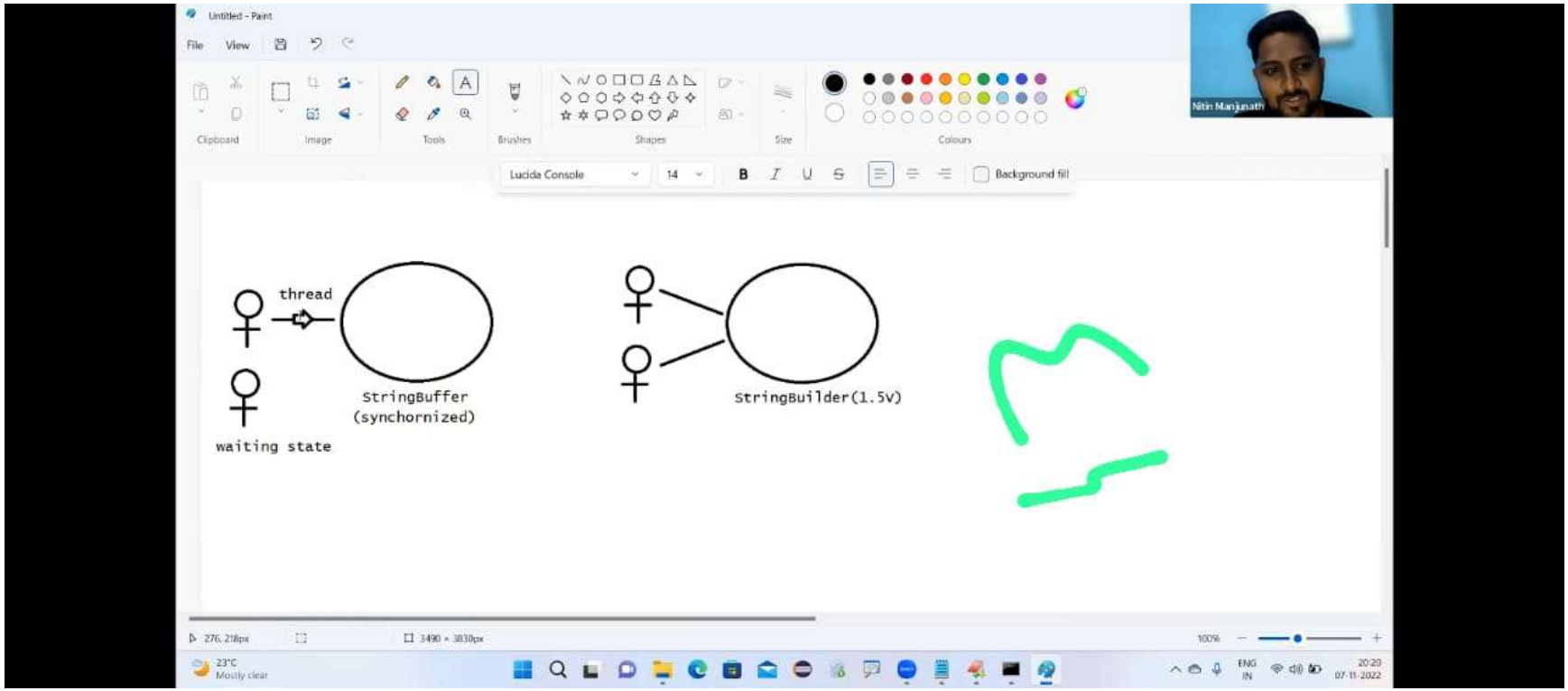
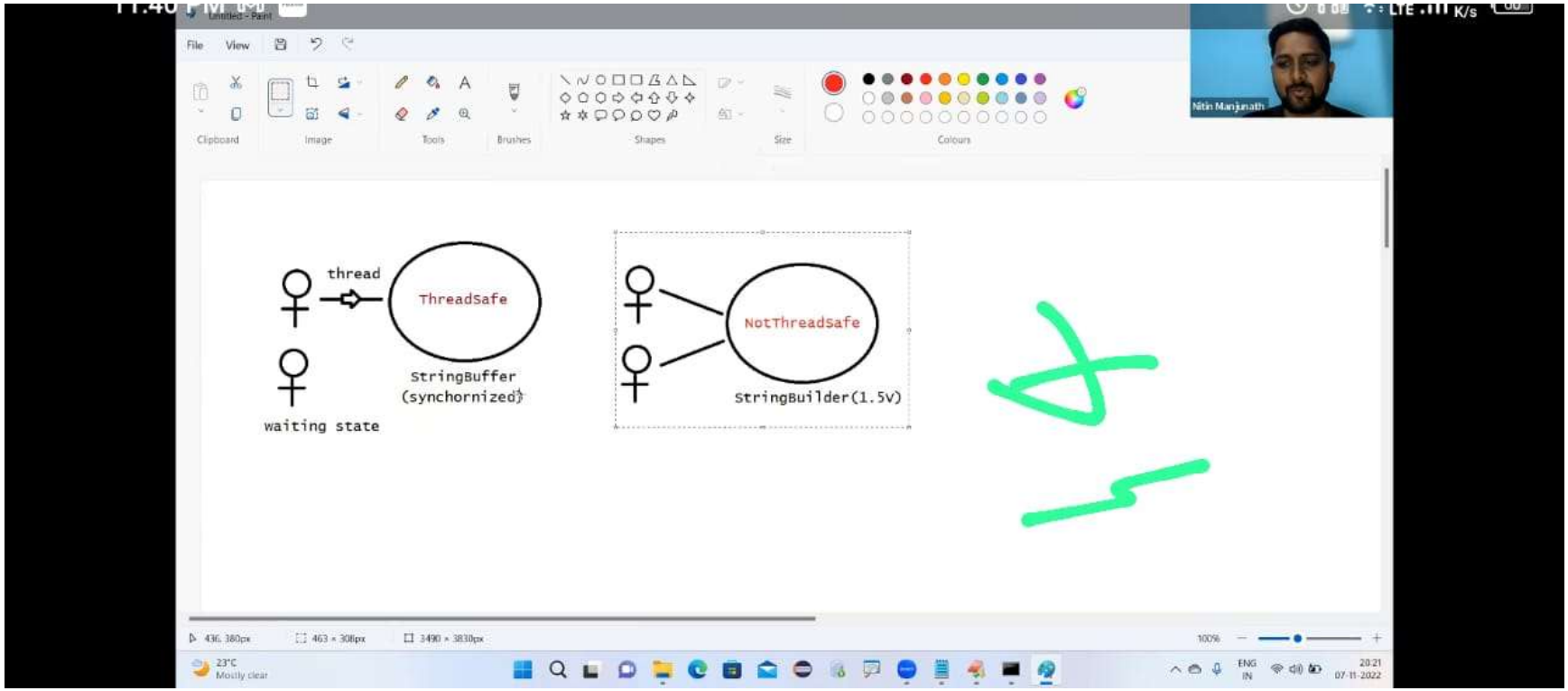
07-11-2022


Untitled - Paint
File
View
Clipboard
Image
Tools
Brushes
Shapes
Size
Colours
Lucida Console
14
Background fill
thread
StringBuffer
(synchornized)
waiting state
StringBuilder(1.5V)
Nitin Manjunath
276, 218px
3490 × 3830px
100%
23°C
Mostly clear
ENG
IN
20:20
07-11-2022


thread
ThreadSafe
StringBuffer
(synchornized)
waiting state
NotThreadSafe
StringBuilder(1.5V)
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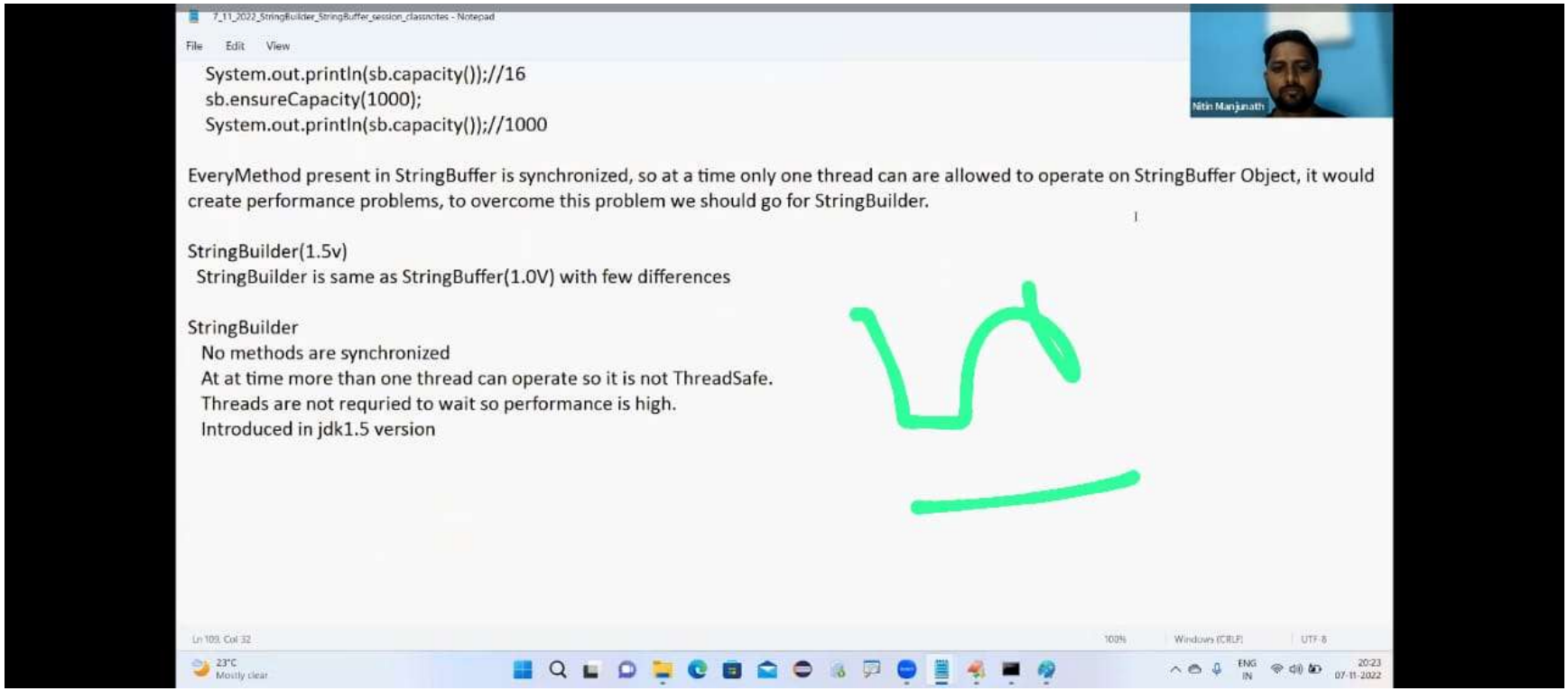
7_11_2022_StringBuilder_StringBuffer_session_classnotes - Notepad
File Edit View
System.out.println(sb.capacity());//16
sb.ensureCapacity(1000);
System.out.println(sb.capacity());//1000
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EveryMethod present in StringBuffer is synchronized, so at a time only one thread can are allowed to operate on StringBuffer Object, it would create performance problems, to overcome this problem we should go for StringBuilder.
StringBuilder(1.5v)
StringBuilder is same as StringBuffer(1.0V) with few differences
StringBuilder
No methods are synchronized
At at time more than one thread can operate so it is not ThreadSafe.
Threads are not requried to wait so performance is high.
Introduced in jdk1.5 version
Ln 109, Col 32
100%
Windows (CRLF)
UTF-8
23°C
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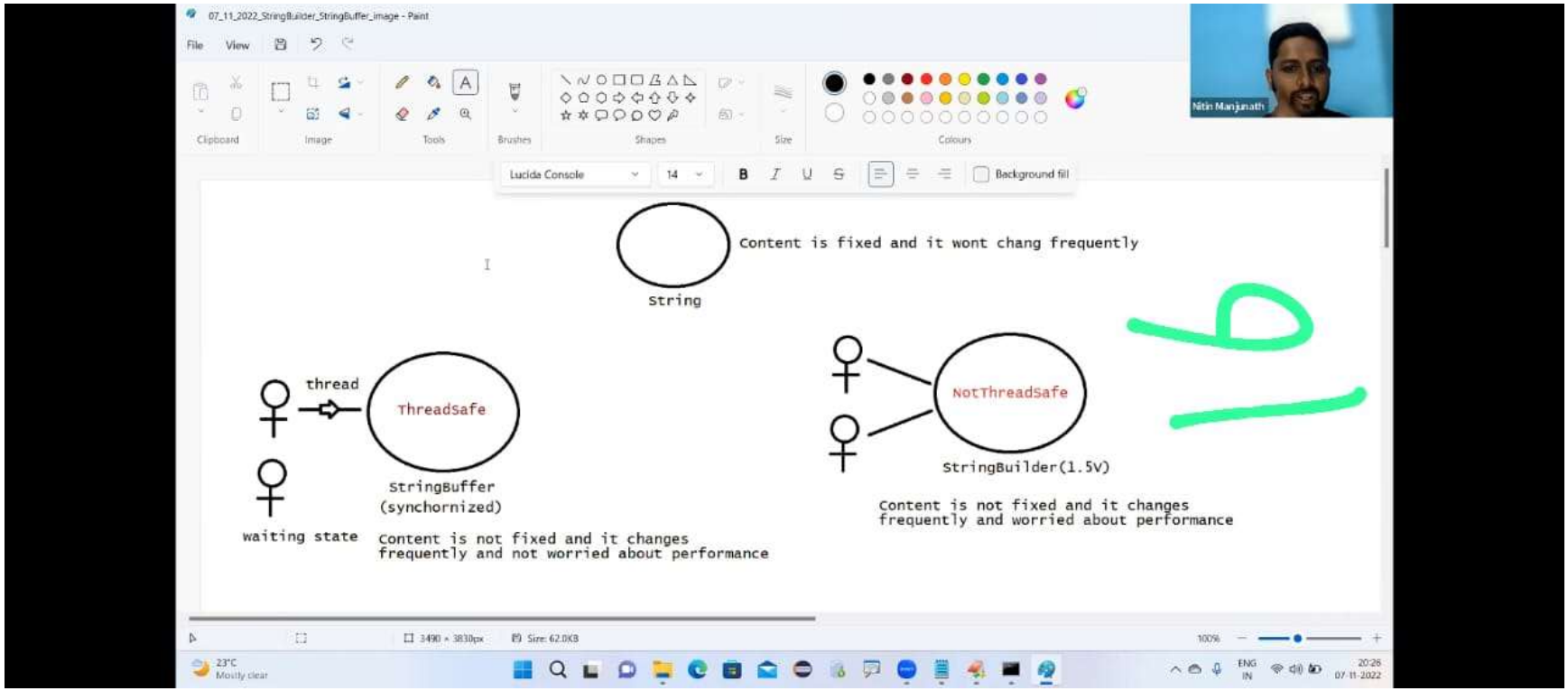
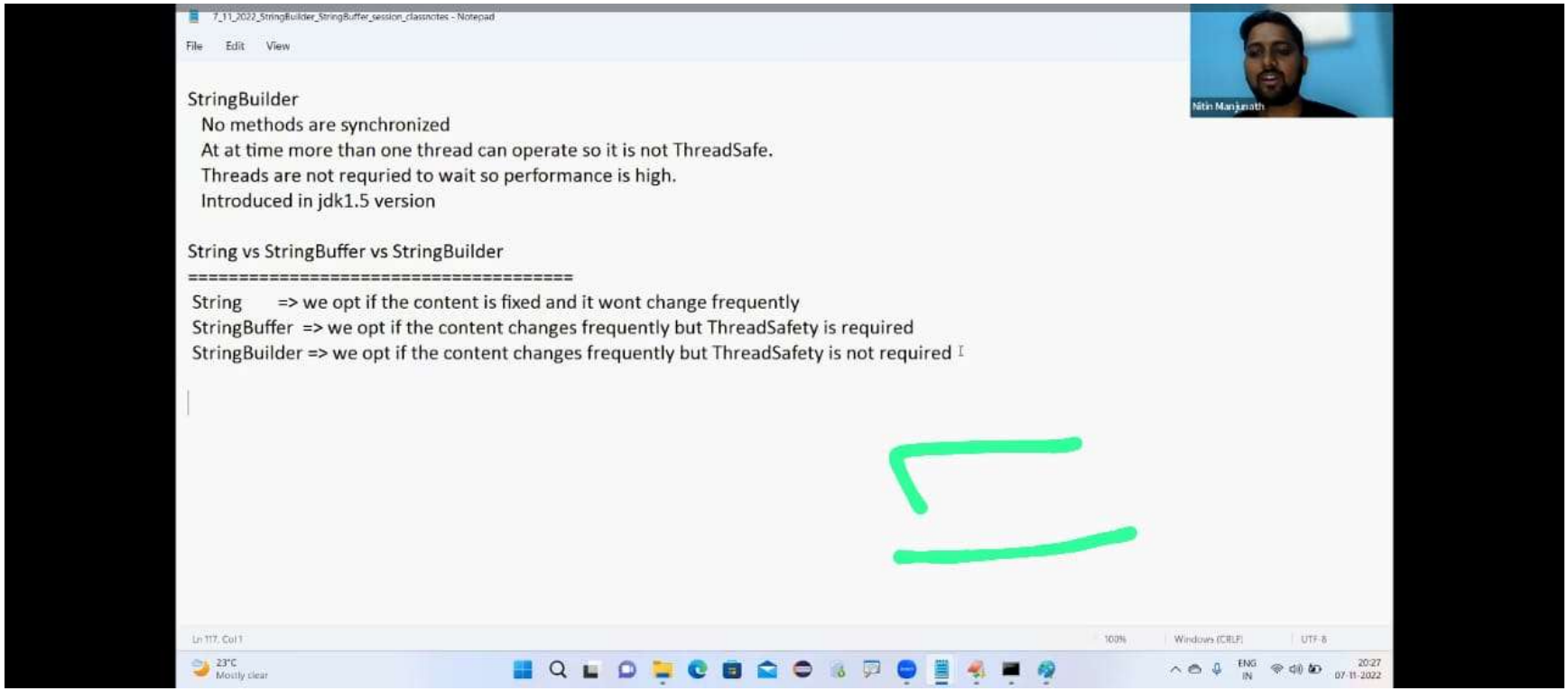
20:23
07-11-2022


07_11_2022_StringBuilder_StringBuffer_image - Paint
File
View
Nitin Manjunath
Lucida Console
14
Background fill
Content is fixed and it wont chang frequently
String
thread
ThreadSafe
StringBuffer
(synchornized)
waiting state
Content is not fixed and it changes
frequently and not worried about performance
NotThreadSafe
StringBuilder(1.5V)
Content is not fixed and it changes
frequently and worried about performance
3490 × 3830px
Size: 62.0KB
100%
23°C
Mostly clear
ENG
IN
20:26
07-11-2022


7_11_2022_StringBuilder_StringBuffer_session_classnotes - Notepad
File Edit View
StringBuilder
No methods are synchronized
At at time more than one thread can operate so it is not ThreadSafe.
Threads are not requried to wait so performance is high.
Introduced in jdk1.5 version
String vs StringBuffer vs StringBuilder
String => we opt if the content is fixed and it wont change frequently
StringBuffer => we opt if the content changes frequently but ThreadSafety is required
StringBuilder => we opt if the content changes frequently but ThreadSafety is not required
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Ln 117, Col 1
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UTF-8
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IN
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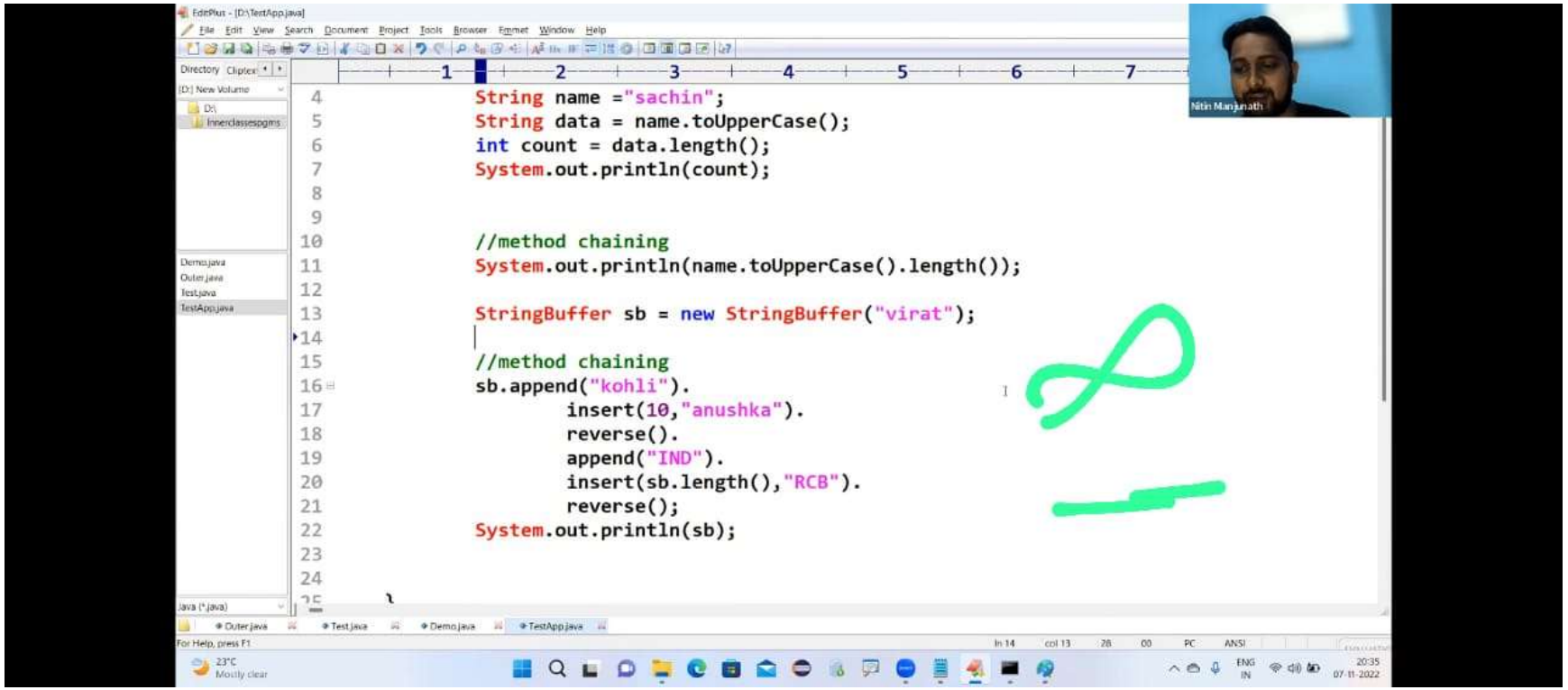
07-11-2022


EditPlus - [D:\TestApp.java]
File Edit View Search Document Project Tools Browser Format Window Help
Directory Clipbar
[D:] New Volume
D:\
Innerclassespgms
Demo.java
Outer.java
Test.java
TestApp.java
Java (*.java)
4 String name ="sachin";
5 String data = name.toUpperCase();
6 int count = data.length();
7 System.out.println(count);
8
9
10 //method chaining
11 System.out.println(name.toUpperCase().length());
12
13 StringBuffer sb = new StringBuffer("virat");
14
15 //method chaining
16 sb.append("kohli").
17 insert(10,"anushka").
18 reverse().
19 append("IND").
20 insert(sb.length(),"RCB").
21 reverse();
22 System.out.println(sb);
23
24
Outer.java
Test.java
Demo.java
TestApp.java
For Help, press F1
ln 14 col 13 28 00 PC ANSI
23°C
Mostly clear
ENG
IN
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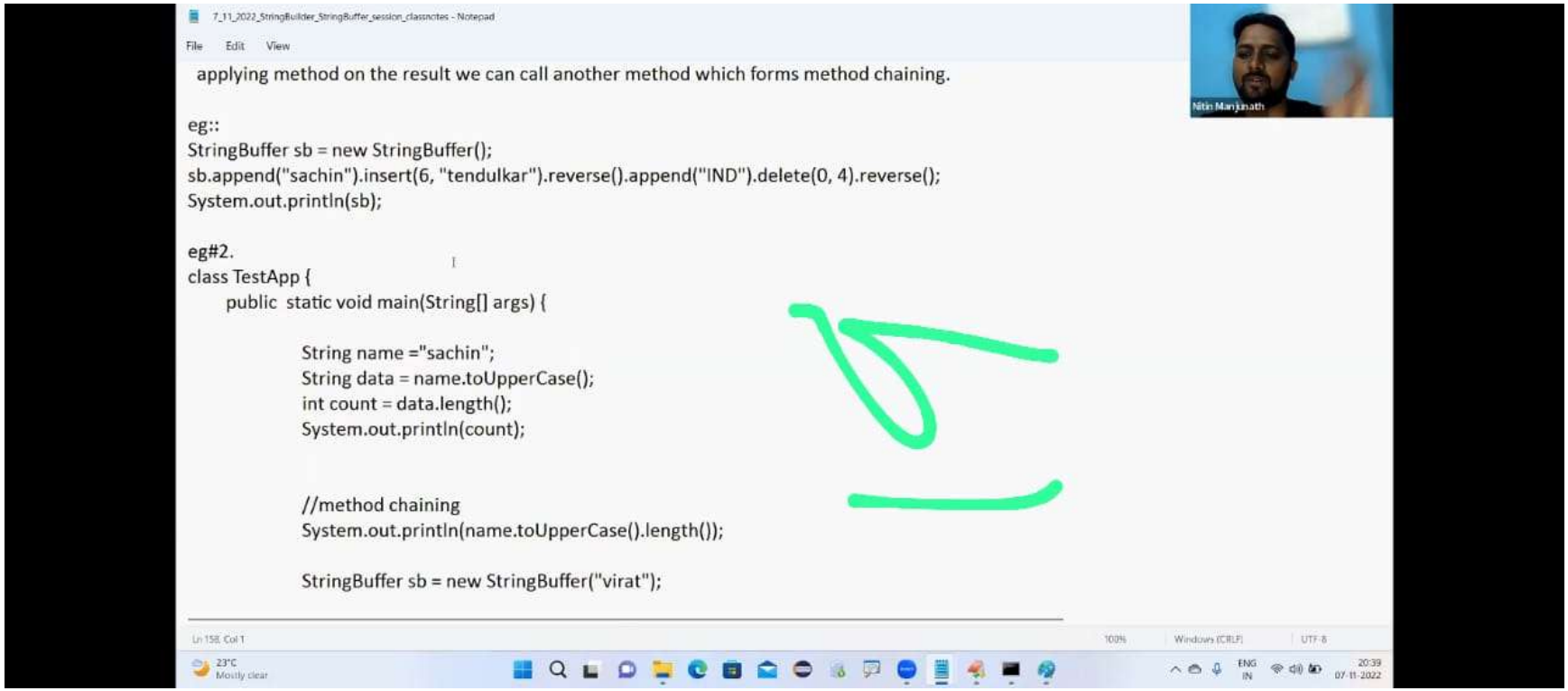
07-11-2022
Nitin Manjunath


7_11_2022_StringBuilder_StringBuffer_session_classnotes - Notepad
File Edit View
applying method on the result we can call another method which forms method chaining.
eg::
StringBuffer sb = new StringBuffer();
sb.append("sachin").insert(6, "tendulkar").reverse().append("IND").delete(0, 4).reverse();
System.out.println(sb);
eg#2.
class TestApp {
public static void main(String[] args) {
String name ="sachin";
String data = name.toUpperCase();
int count = data.length();
System.out.println(count);
//method chaining
System.out.println(name.toUpperCase().length());
StringBuffer sb = new StringBuffer("virat");
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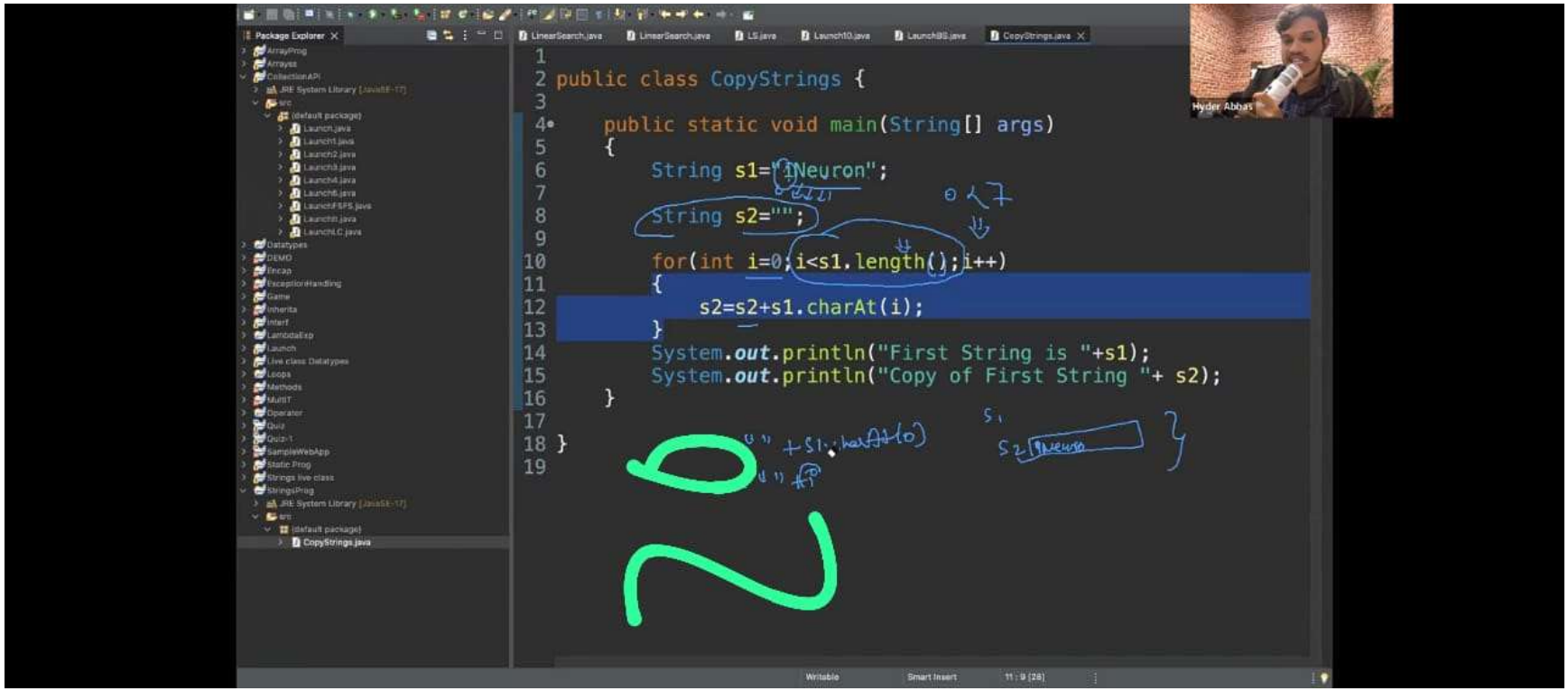
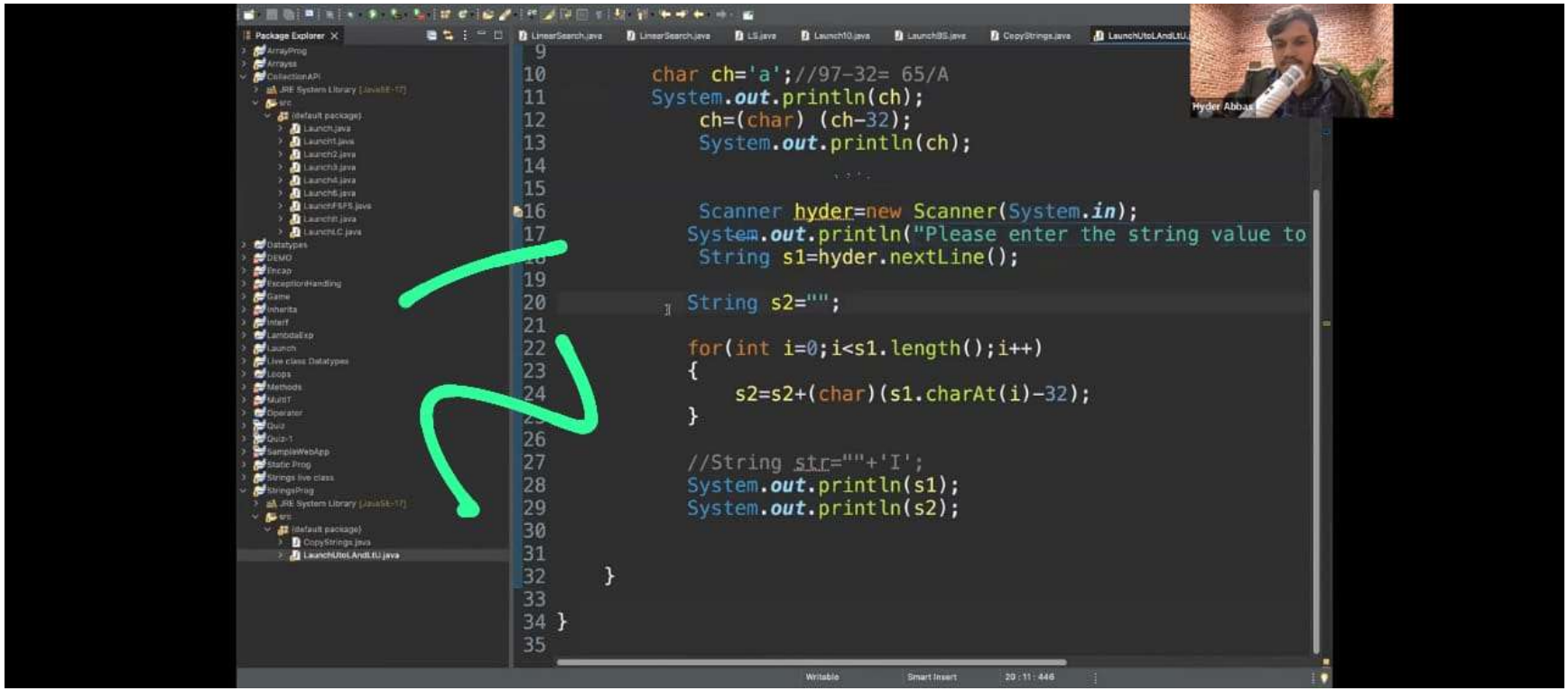
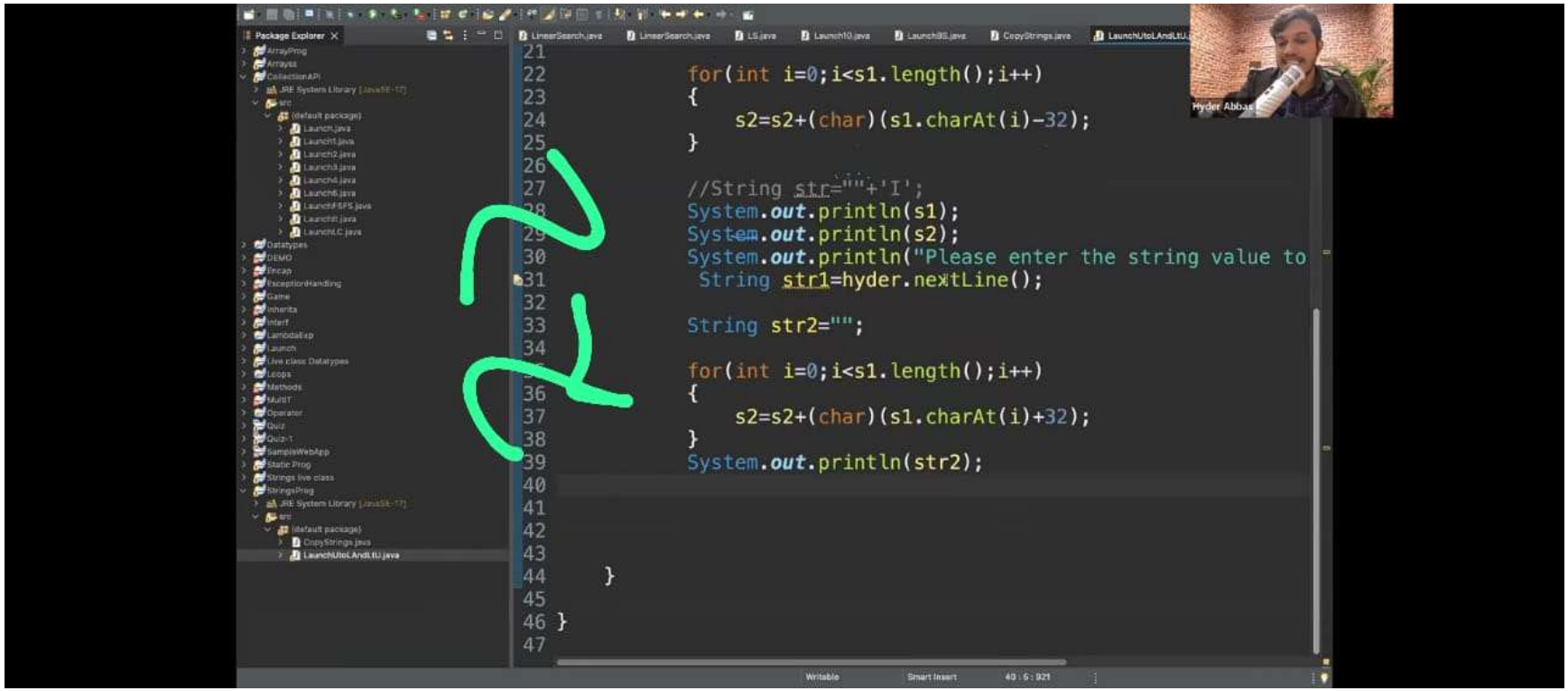
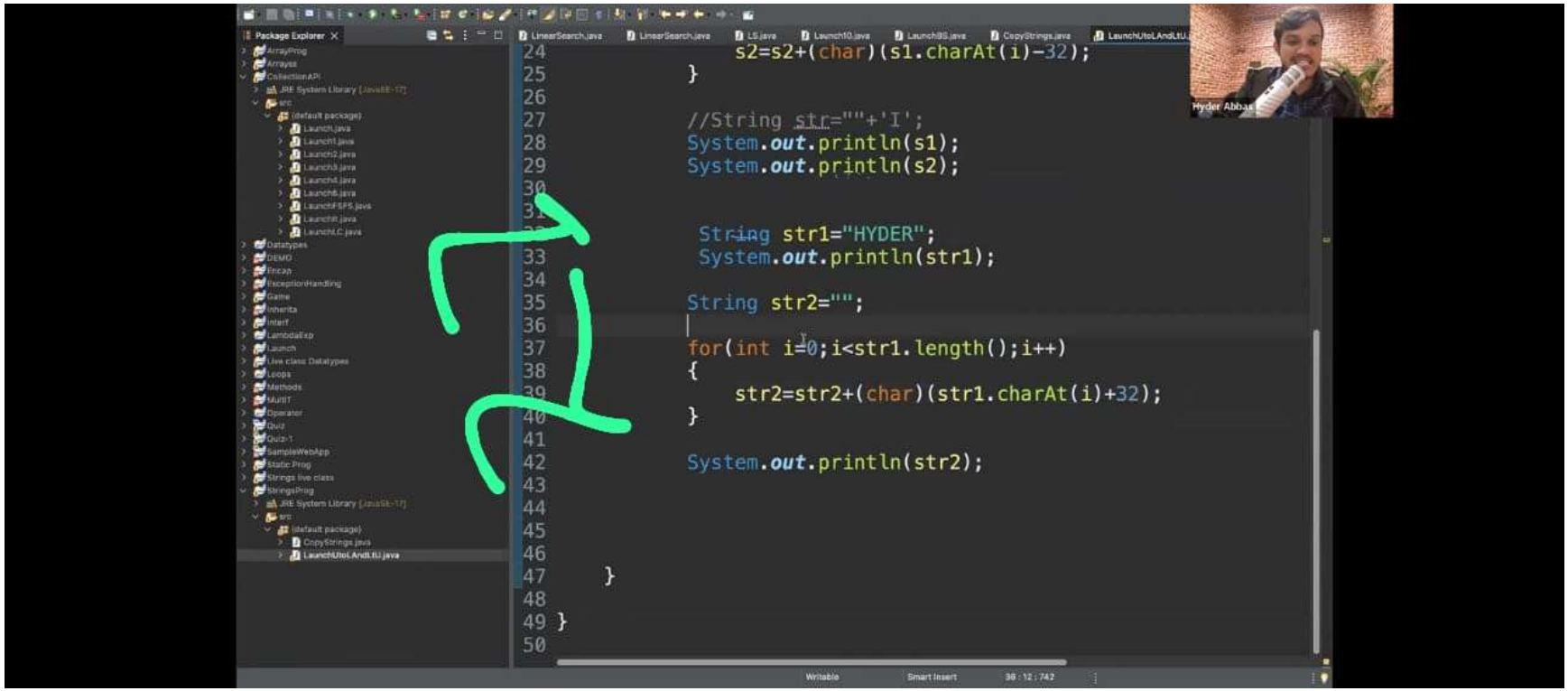
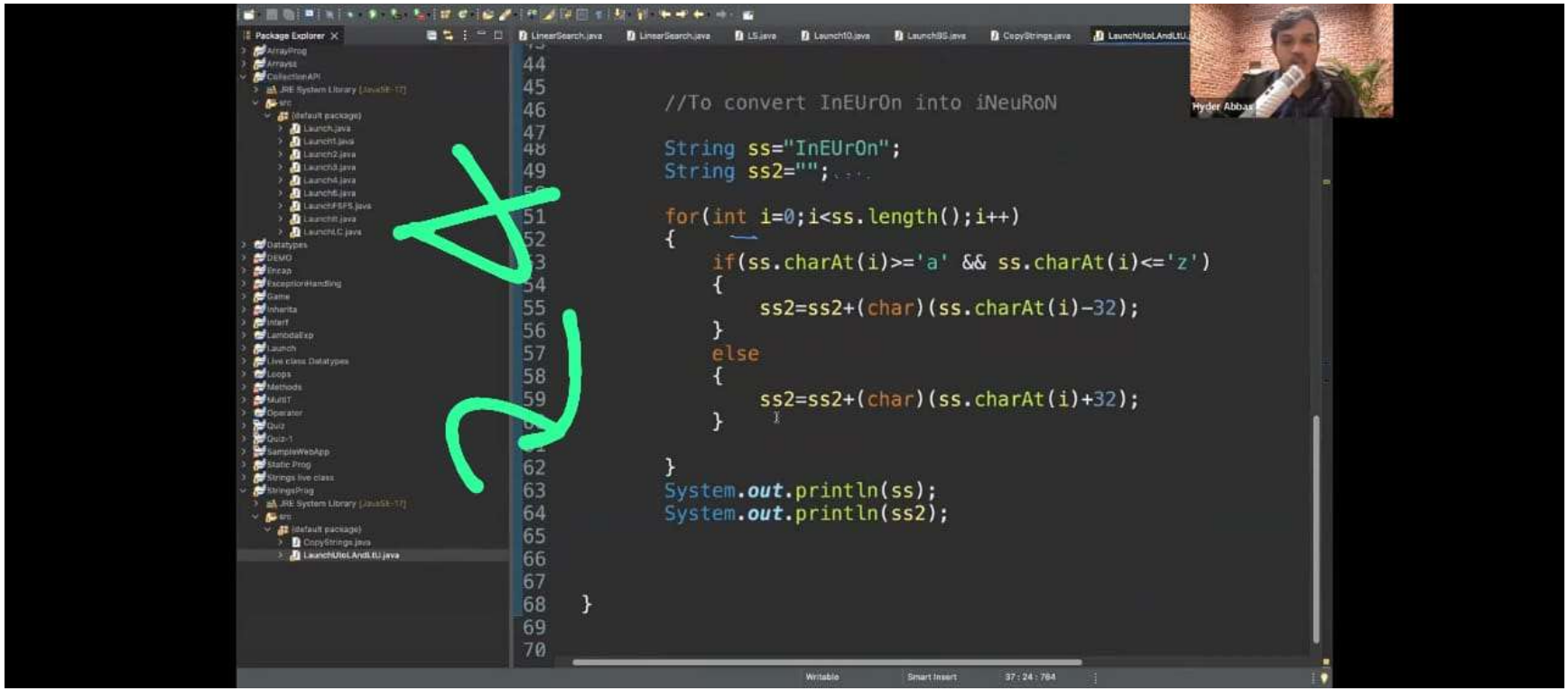
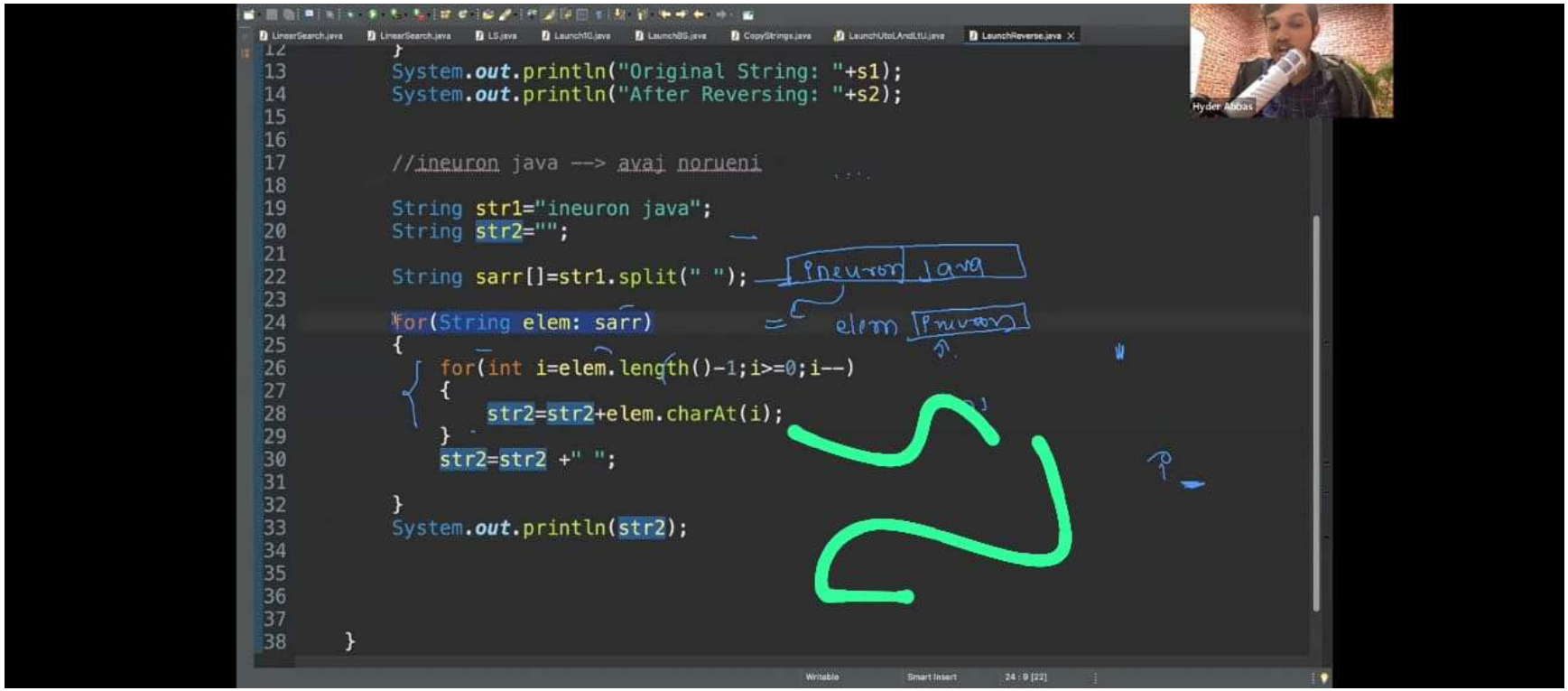

Package Explorer
LinearSearch.java
LinearSearch.java
LS.java
Launch10.java
Launch8S.java
CopyStrings.java
public class CopyStrings {
public static void main(String[] args)
{
String s1="iNeuron";
String s2="";
for(int i=0;i<s1.length();i++)
{
s2=s2+s1.charAt(i);
}
System.out.println("First String is "+s1);
System.out.println("Copy of First String "+ s2);
}
}
Hyder Abbas
Writable
Smart Insert
11 : 9 [28]

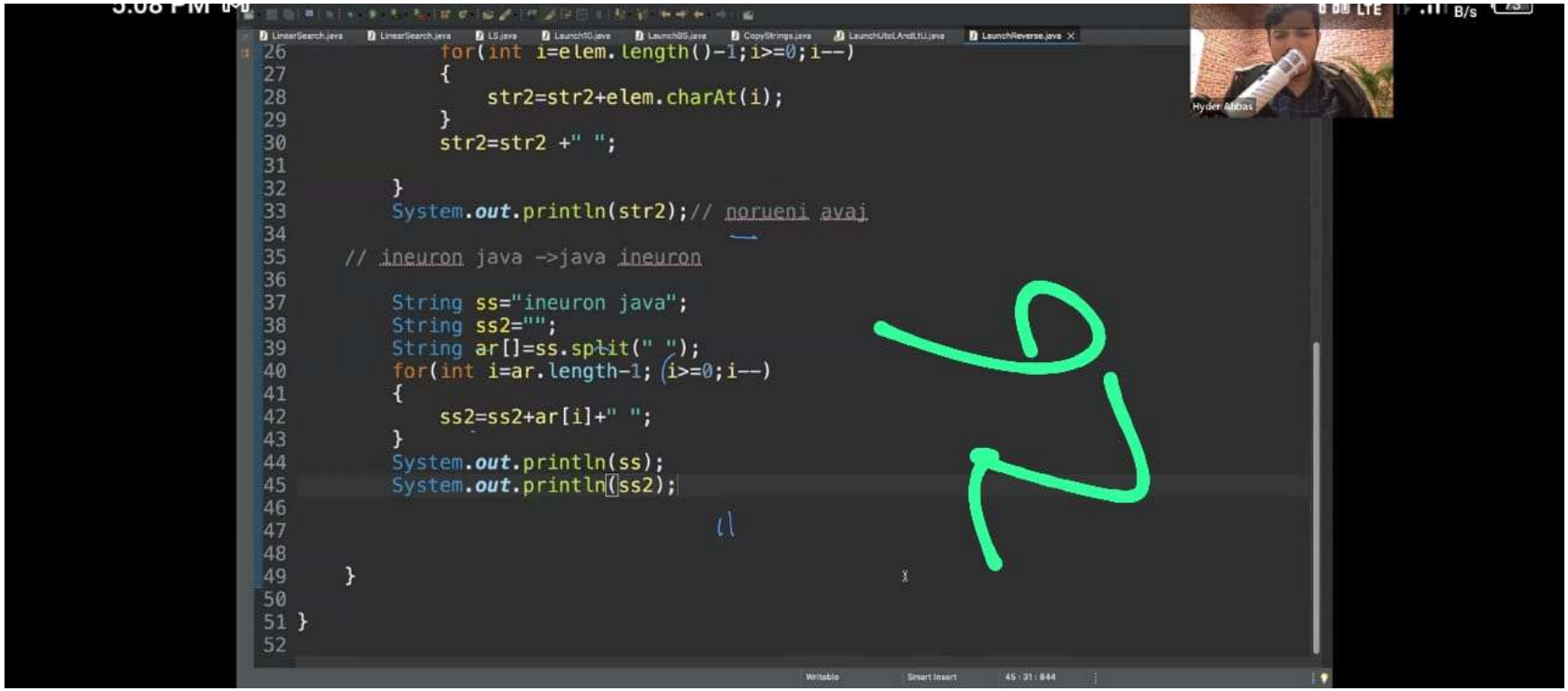

Package Explorer
LinearSearch.java
LinearSearch.java
LS.java
Launch10.java
Launch8S.java
CopyStrings.java
LaunchUtoLAndLtU.java
Hyder Abbas
char ch='a';//97-32= 65/A
System.out.println(ch);
ch=(char) (ch-32);
System.out.println(ch);
Scanner hyder=new Scanner(System.in);
System.out.println("Please enter the string value to
String s1=hyder.nextLine();
String s2="";
for(int i=0;i<s1.length();i++)
{
s2=s2+(char)(s1.charAt(i)-32);
}
//String str=""+'I';
System.out.println(s1);
System.out.println(s2);
}
}
Writable
Smart Insert
20 : 11 : 446

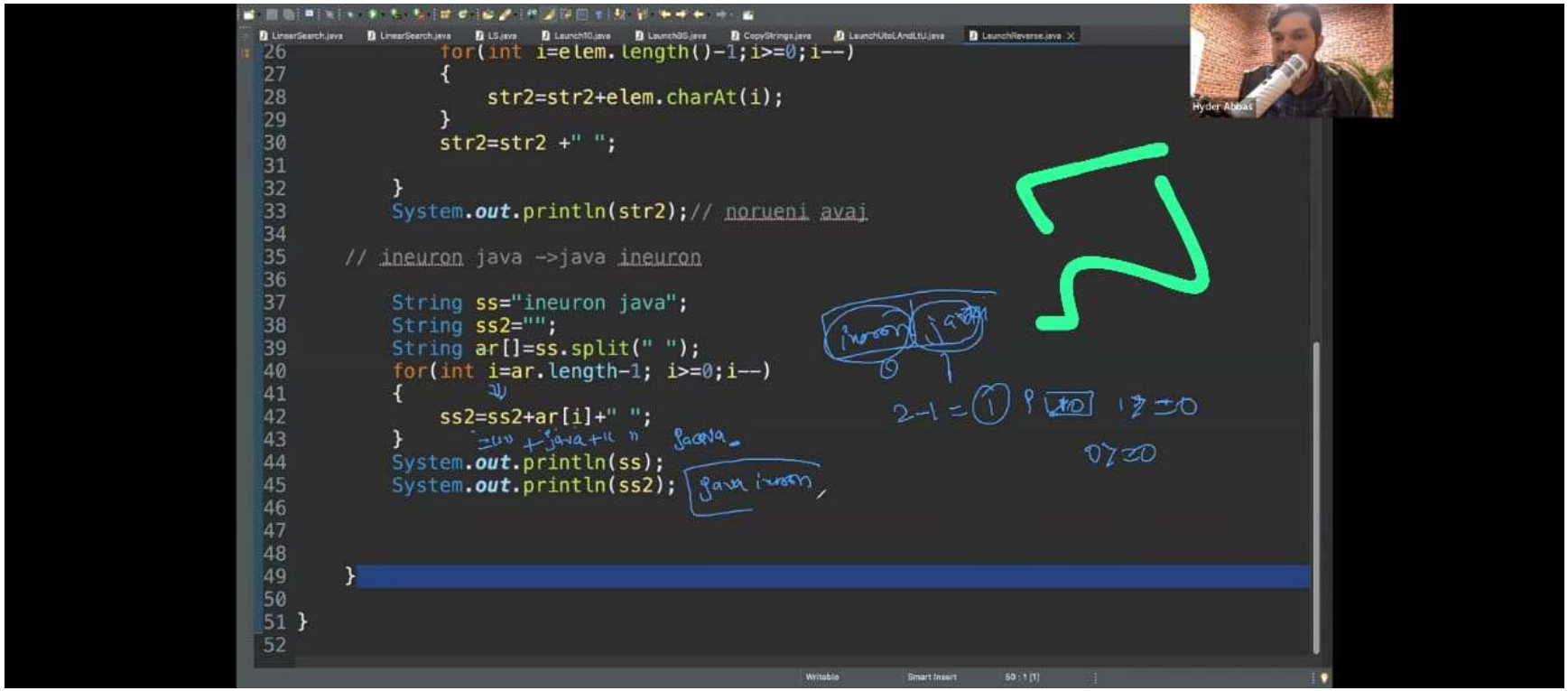

Package Explorer
LinearSearch.java
LinearSearch.java
LS.java
Launch10.java
Launch8S.java
CopyStrings.java
LaunchUtoLAndLtU.java
Hyder Abbas
for(int i=0;i<s1.length();i++)
{
s2=s2+(char)(s1.charAt(i)-32);
}
//String str=""+'I';
System.out.println(s1);
System.out.println(s2);
System.out.println("Please enter the string value to
String str1=hyder.nextLine();
String str2="";
for(int i=0;i<s1.length();i++)
{
s2=s2+(char)(s1.charAt(i)+32);
}
System.out.println(str2);
}
}
Writable
Smart Insert
40 : 6 : 921

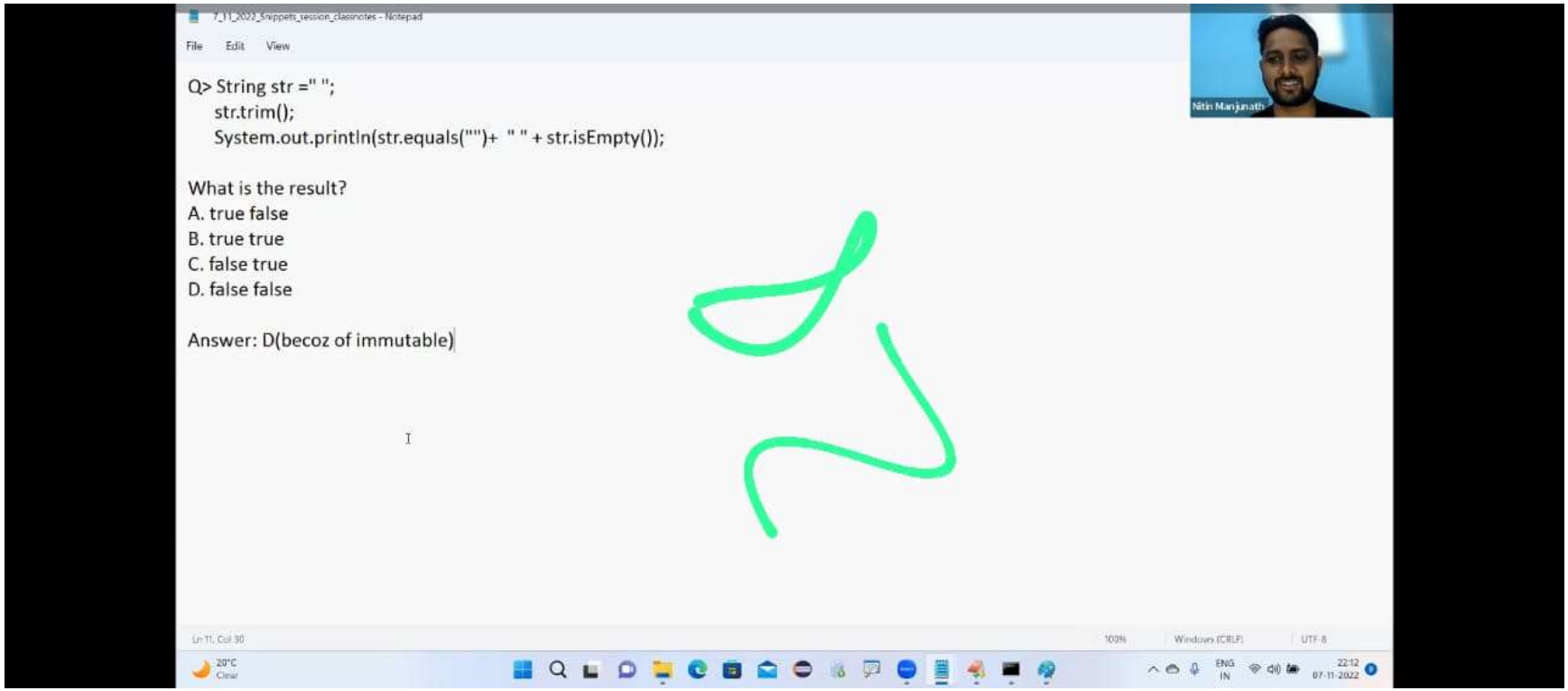

Package Explorer
LinearSearch.java
LinearSearch.java
LS.java
Launch10.java
Launch8S.java
CopyStrings.java
LaunchUtoLAndLtU.j
Hyder Abbas
s2=s2+(char)(s1.charAt(i)-32);
}
//String str=""+'I';
System.out.println(s1);
System.out.println(s2);
String str1="HYDER";
System.out.println(str1);
String str2="";
for(int i=0;i<str1.length();i++)
{
str2=str2+(char)(str1.charAt(i)+32);
}
System.out.println(str2);
}
}
Writable
Smart Insert
36 : 12 : 742

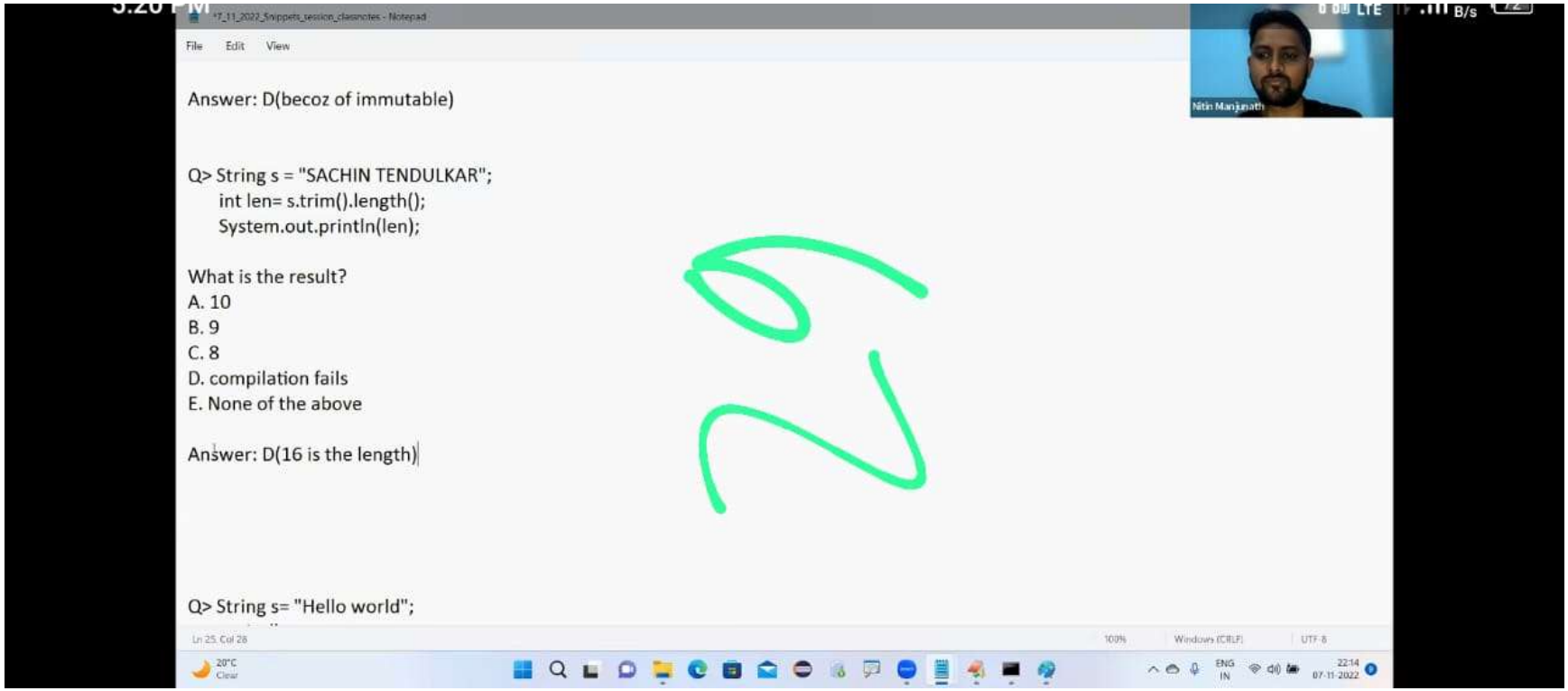

Package Explorer
LinearSearch.java
LinearSearch.java
LS.java
Launch10.java
Launch8S.java
CopyStrings.java
LaunchUtoLAndLtU.java
Hyder Abbas
//To convert InEUrOn into iNeuRoN
String ss="InEUrOn";
String ss2="";
for(int i=0;i<ss.length();i++)
{
if(ss.charAt(i)>='a' && ss.charAt(i)<='z')
{
ss2=ss2+(char)(ss.charAt(i)-32);
}
else
{
ss2=ss2+(char)(ss.charAt(i)+32);
}
}
System.out.println(ss);
System.out.println(ss2);
}
Writable
Smart Insert
37 : 24 : 784

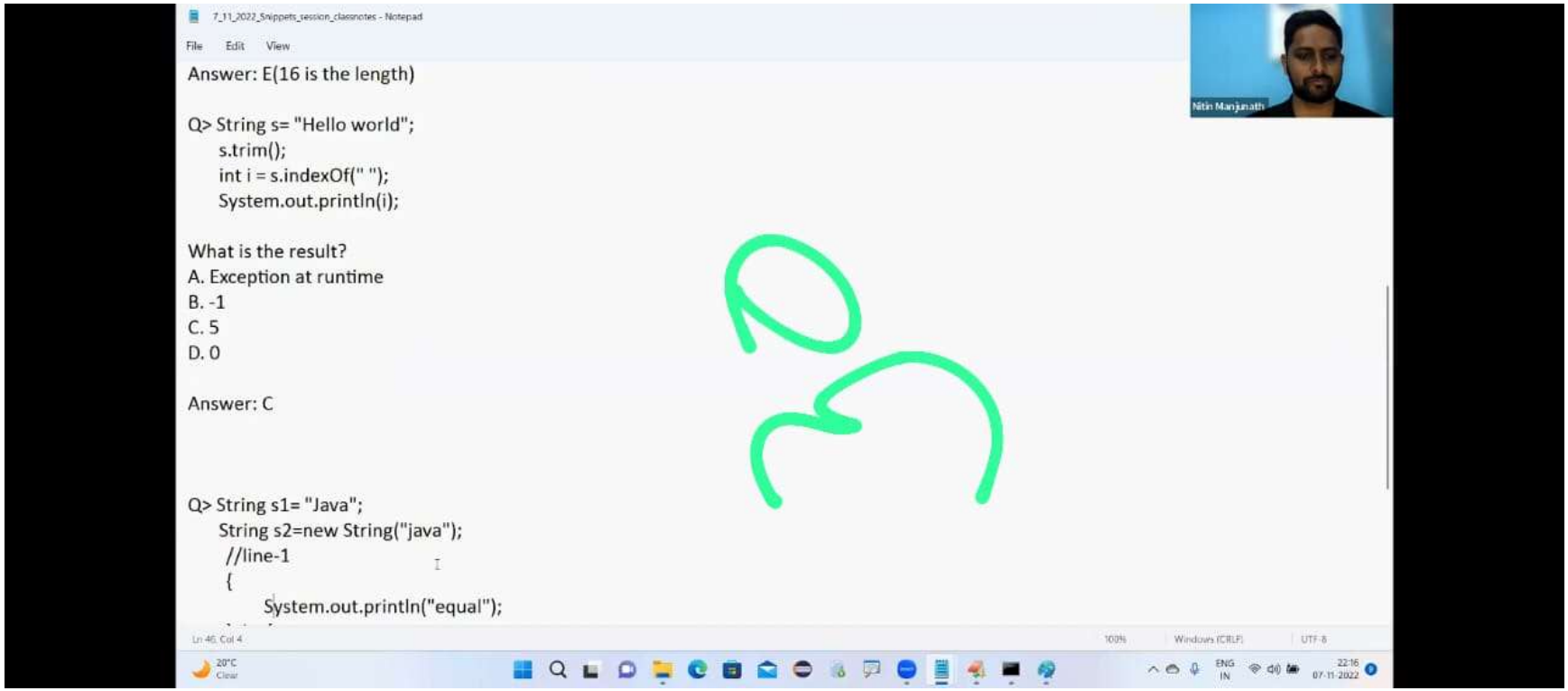

LinearSearch.java
LinearSearch.java
LS.java
LaunchTG.java
LaunchBS.java
CopyStrings.java
LaunchUtoLAndLtU.java
LaunchReverse.java
System.out.println("Original String: "+s1);
System.out.println("After Reversing: "+s2);
//ineuron java --> avaj norueni
String str1="ineuron java";
String str2="";
String sarr[]=str1.split(" ");
for(String elem: sarr)
{
for(int i=elem.length()-1;i>=0;i--)
{
str2=str2+elem.charAt(i);
}
str2=str2 +" ";
}
System.out.println(str2);
}
ineuron java
elem
Hyder Abbas
Writable
Smart Insert
24 : 9 [22]

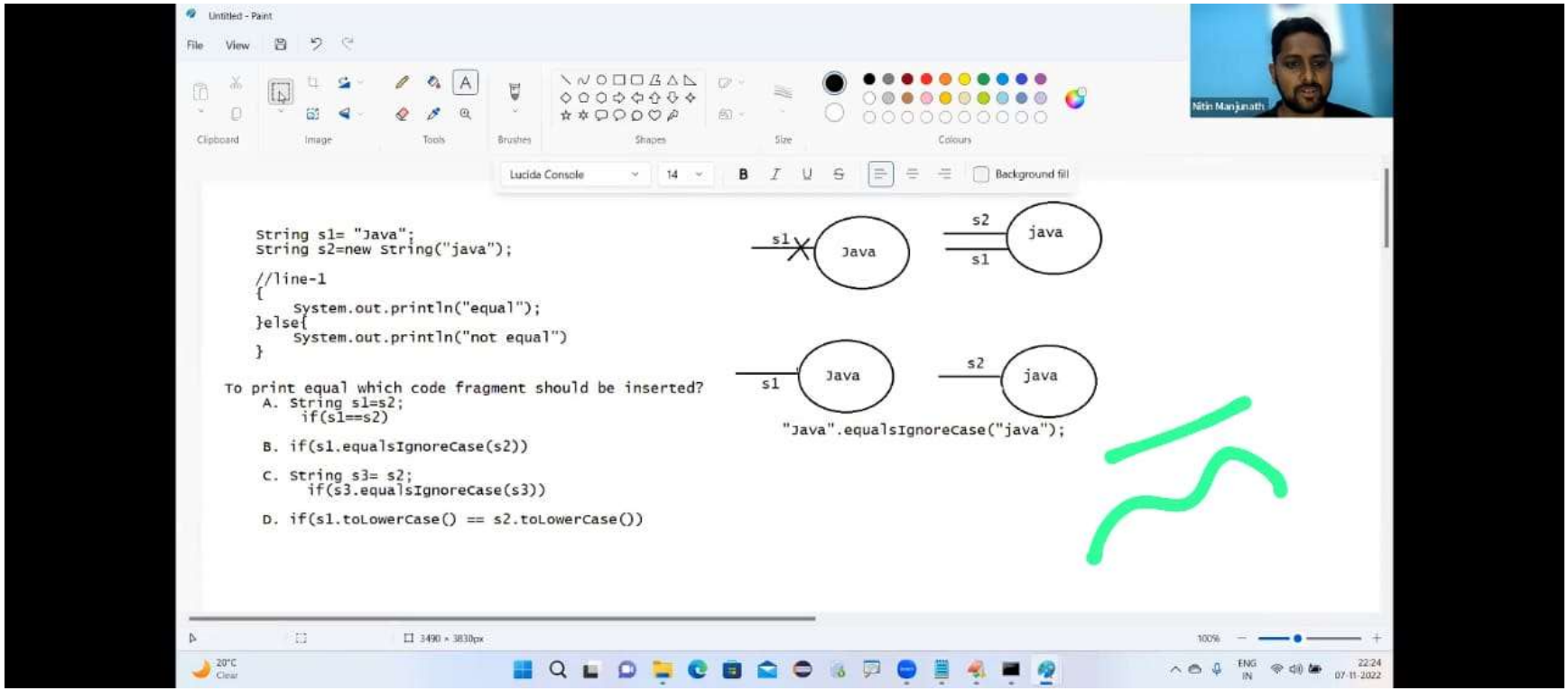

LinearSearch.java
LinearSearch.java
LS.java
Launch10.java
Launch08.java
CopyStrings.java
LaunchUtoLAndLtU.java
LaunchReverse.java
for(int i=elem.length()-1;i>=0;i--)
{
str2=str2+elem.charAt(i);
}
str2=str2 +" ";
}
System.out.println(str2);// norueni avaj
// ineuron java ->java ineuron
String ss="ineuron java";
String ss2="";
String ar[]=ss.split(" ");
for(int i=ar.length-1; i>=0;i--)
{
ss2=ss2+ar[i]+" ";
}
System.out.println(ss);
System.out.println(ss2);
}
}
Hyder Abbas
Writable
Smart Insert
45 : 31 : 844

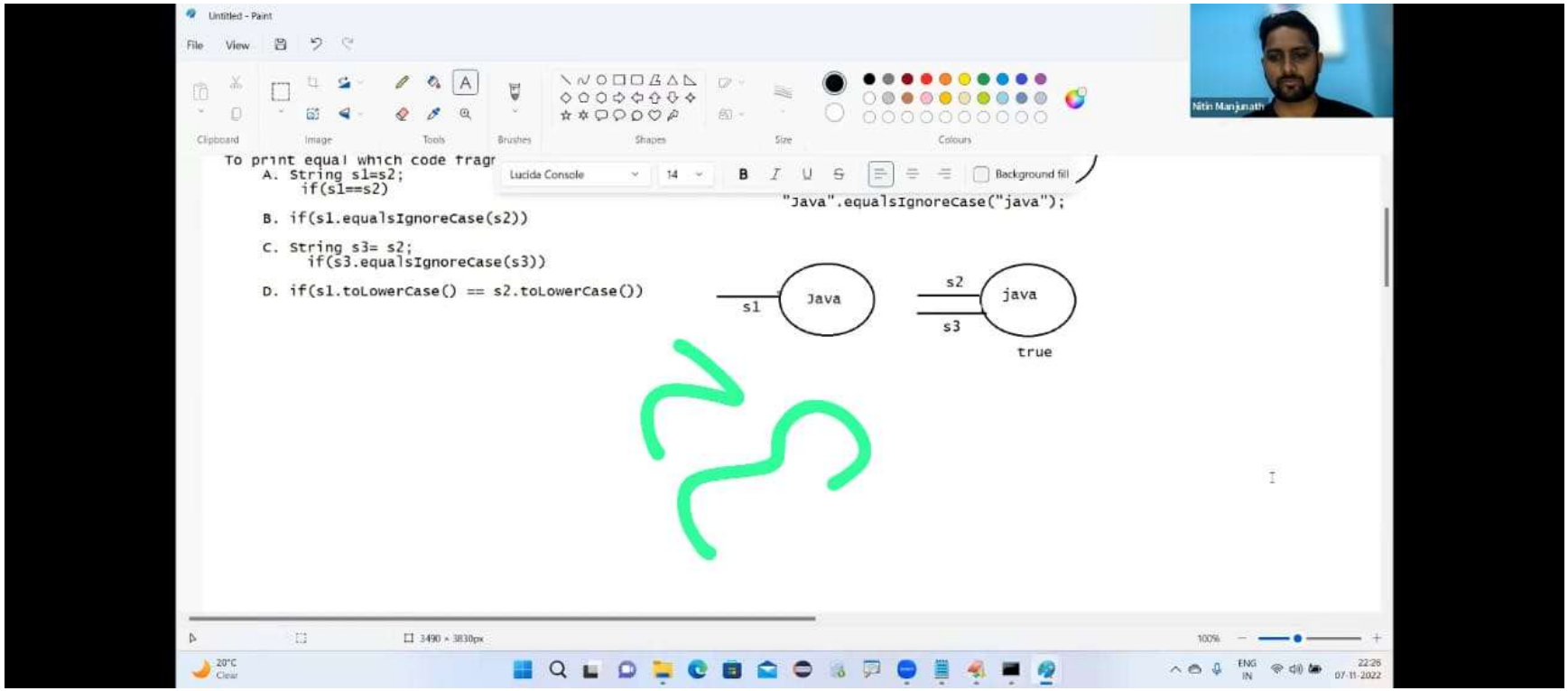

LinearSearch.java
LinearSearch.java
LS.java
Launch10.java
Launch86.java
CopyStrings.java
LaunchUtoLAndLtU.java
LaunchReverse.java
Hyder Abbas
for(int i=elem.length()-1;i>=0;i--)
{
str2=str2+elem.charAt(i);
}
str2=str2 +" ";
}
System.out.println(str2);// norueni avaj
// ineuron java ->java ineuron
String ss="ineuron java";
String ss2="";
String ar[]=ss.split(" ");
for(int i=ar.length-1; i>=0;i--)
{
ss2=ss2+ar[i]+" ";
}
System.out.println(ss);
System.out.println(ss2);
}
}
Writable
Smart Insert
50 : 1 [1]

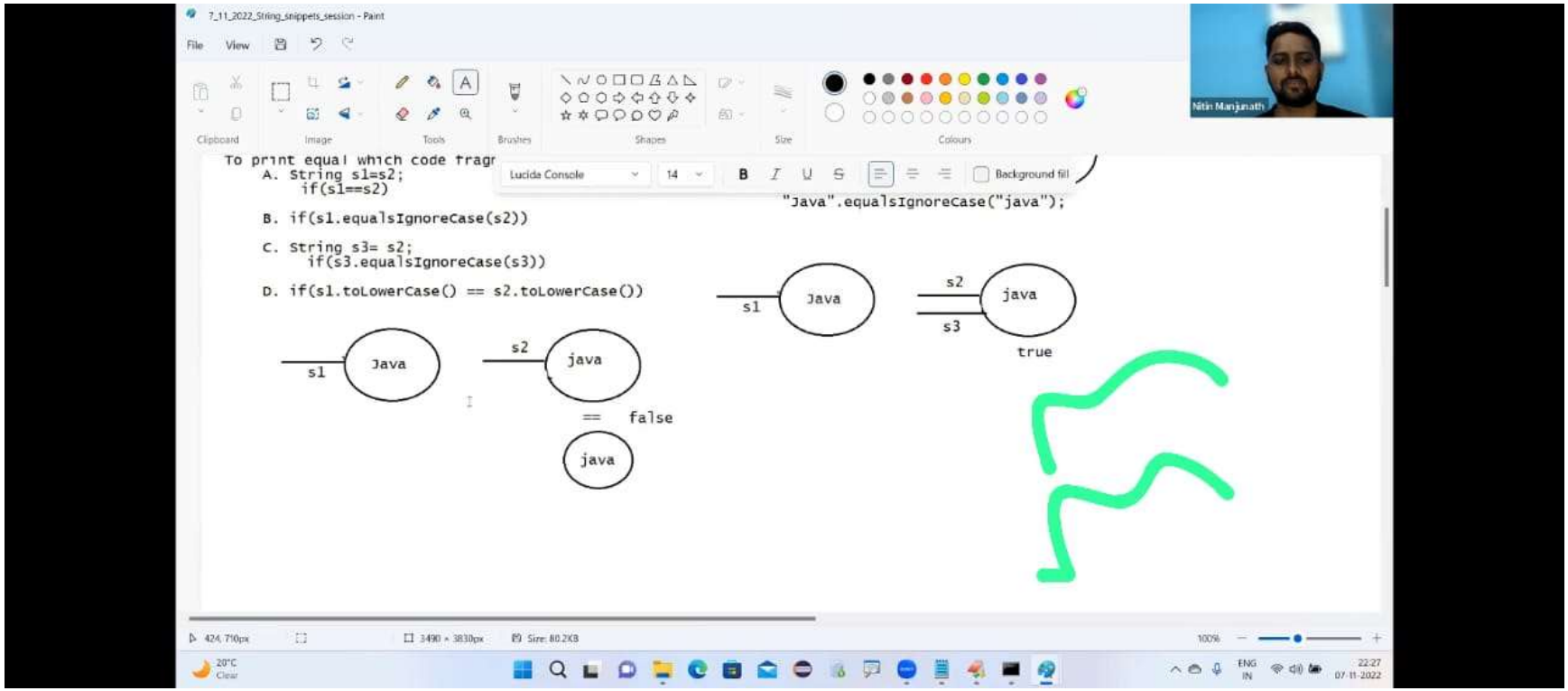

7_11_2022_Snippets_session_classnotes - Notepad
File Edit View
Q> String str =" ";
str.trim();
System.out.println(str.equals("")+ " " + str.isEmpty());
What is the result?
A. true false
B. true true
C. false true
D. false false
Answer: D(becoz of immutable)
Nitin Manjunath
Ln 11, Col 30
100%
Windows (CRLF)
UTF-8
20°C
Clear
ENG
IN
22:12
07-11-2022

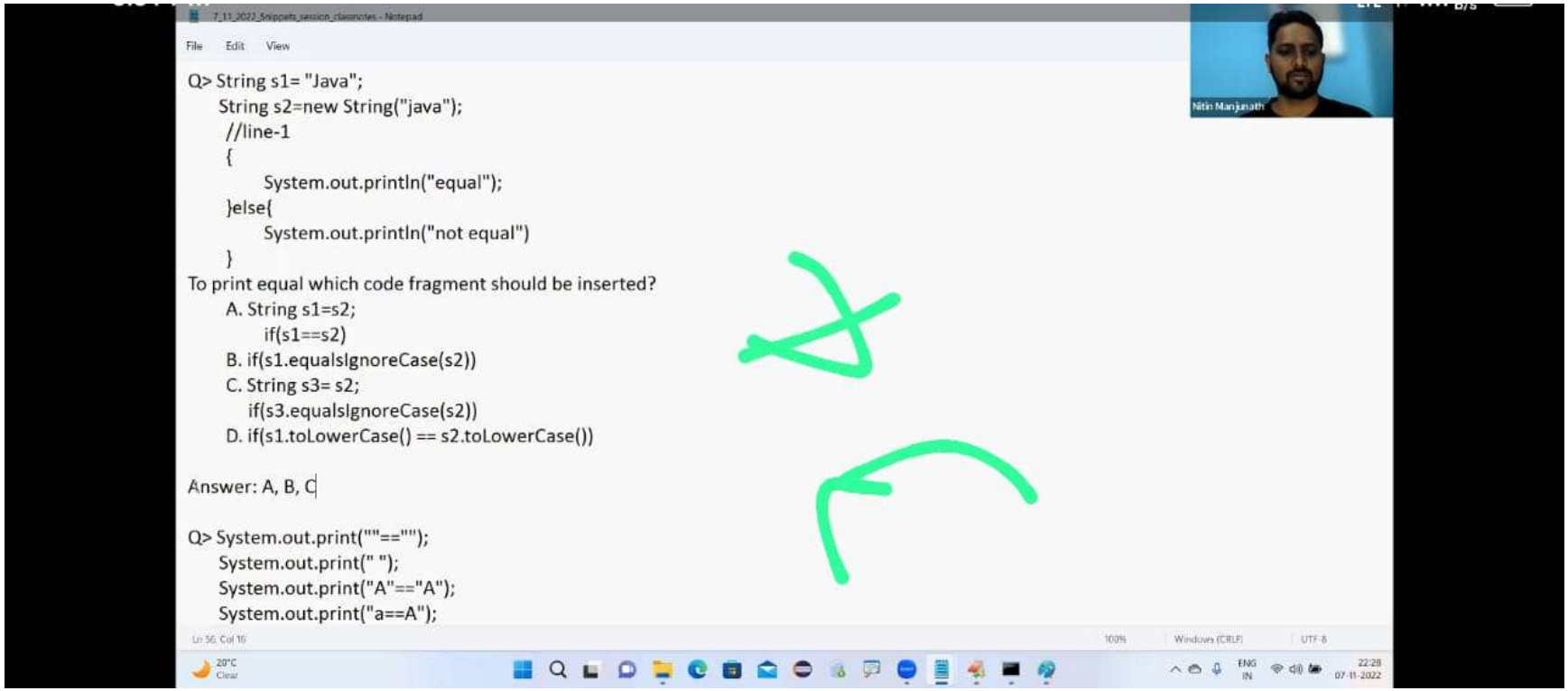

*7_11_2022_Snippets_session_classnotes - Notepad
File Edit View
Answer: D(becoz of immutable)
Q> String s = "SACHIN TENDULKAR";
int len= s.trim().length();
System.out.println(len);
What is the result?
A. 10
B. 9
C. 8
D. compilation fails
E. None of the above
Answer: D(16 is the length)
Q> String s= "Hello world";
Nitin Manjunath
Ln 25, Col 28
100%
Windows (CRLF)
UTF-8
20°C
Clear
ENG
IN
22:14
07-11-2022

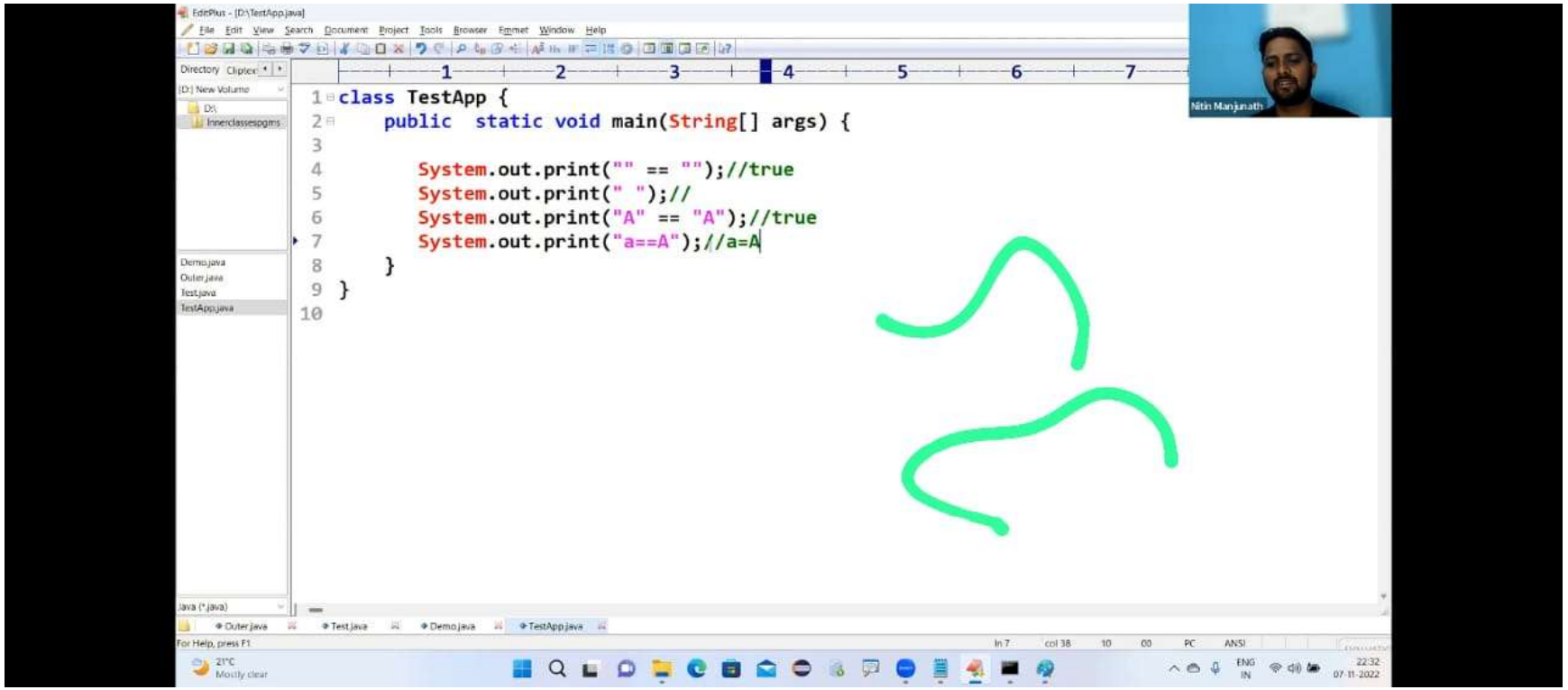

7_11_2022_Snippets_session_classnotes - Notepad
File Edit View
Answer: E(16 is the length)
Q> String s= "Hello world";
s.trim();
int i = s.indexOf(" ");
System.out.println(i);
What is the result?
A. Exception at runtime
B. -1
C. 5
D. 0
Answer: C
Q> String s1= "Java";
String s2=new String("java");
//line-1
{
System.out.println("equal");
Nitin Manjunath

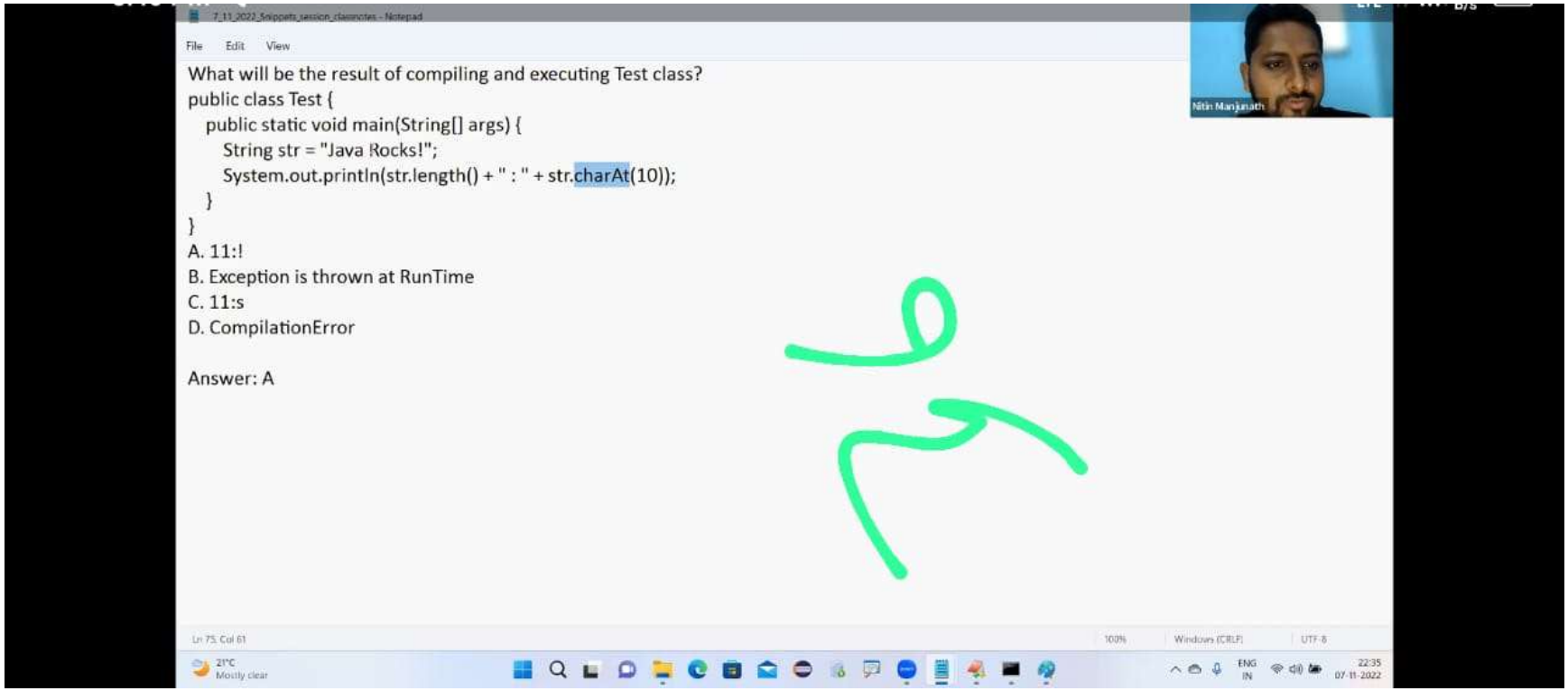

Untitled - Paint
File
View
Clipboard
Image
Tools
Brushes
Shapes
Size
Colours
Lucida Console
14
Background fill
Nitin Manjunath
String s1= "Java";
String s2=new String("java");
//line-1
{
System.out.println("equal");
}else{
System.out.println("not equal")
}
To print equal which code fragment should be inserted?
A. String s1=s2;
if(s1==s2)
B. if(s1.equalsIgnoreCase(s2))
C. String s3= s2;
if(s3.equalsIgnoreCase(s3))
D. if(s1.toLowerCase() == s2.toLowerCase())
s1
Java
s2
java
s1
s1
Java
s2
java
"Java".equalsIgnoreCase("java");
3490 × 3830px
100%
20°C
Clear
ENG
IN
22:24
07-11-2022


Untitled - Paint
File
View
Clipboard
Image
Tools
Brushes
Shapes
Size
Colours
Nitin Manjunath
To print equal which code fragr
A. String s1=s2;
if(s1==s2)
B. if(s1.equalsIgnoreCase(s2))
C. String s3= s2;
if(s3.equalsIgnoreCase(s3))
D. if(s1.toLowerCase() == s2.toLowerCase())
Lucida Console
14
Background fill
"Java".equalsIgnoreCase("java");
s1
Java
s2
s3
java
true
3490 × 3830px
100%
20°C
Clear
ENG
IN
22:26
07-11-2022


7_11_2022_String_snippets_session - Paint
File
View
Clipboard
Image
Tools
Brushes
Shapes
Size
Colours
Nitin Manjunath
To print equal which code fragr
A. String s1=s2;
if(s1==s2)
B. if(s1.equalsIgnoreCase(s2))
C. String s3= s2;
if(s3.equalsIgnoreCase(s3))
D. if(s1.toLowerCase() == s2.toLowerCase())
Lucida Console
14
Background fill
"Java".equalsIgnoreCase("java");
s1
Java
s2
java
s3
true
s1
Java
s2
java
==
false
java
424, 710px
3490 × 3830px
Size: 80.2KB
100%
20°C
Clear
ENG
IN
22:27
07-11-2022


7_13_2022_Snippets_session_classnotes - Notepad
File Edit View
Q> String s1= "Java";
String s2=new String("java");
//line-1
{
System.out.println("equal");
}else{
System.out.println("not equal")
}
To print equal which code fragment should be inserted?
A. String s1=s2;
if(s1==s2)
B. if(s1.equalsIgnoreCase(s2))
C. String s3= s2;
if(s3.equalsIgnoreCase(s2))
D. if(s1.toLowerCase() == s2.toLowerCase())
Answer: A, B, C
Q> System.out.print(""=="");
System.out.print(" ");
System.out.print("A"=="A");
System.out.print("a==A");
Nitin Manjunath
Ln 56, Col 16
100%
Windows (CRLF)
UTF-8
20°C
Clear
ENG
IN
22:28
07-11-2022


EditPlus - [D:\TestApp.java]
File Edit View Search Document Project Tools Browser Frmmet Window Help
Directory Clipbex
[D:] New Volume
D:\
Innerclassespgms
Demo.java
Outer.java
Test.java
TestApp.java
Java (*.java)
1 class TestApp {
2 public static void main(String[] args) {
3
4 System.out.print("" == "");//true
5 System.out.print(" ");//
6 System.out.print("A" == "A");//true
7 System.out.print("a==A");//a=A
8 }
9 }
10
Outer.java
Test.java
Demo.java
TestApp.java
For Help, press F1
Ln 7 col 38 10 00 PC ANSI
21°C
Mostly clear
ENG
IN
22:32
07-11-2022
Nitin Manjunath


7_11_2022_Snippets_session_classnotes - Notepad
File Edit View
What will be the result of compiling and executing Test class?
public class Test {
public static void main(String[] args) {
String str = "Java Rocks!";
System.out.println(str.length() + " : " + str.charAt(10));
}
}
A. 11:!
B. Exception is thrown at RunTime
C. 11:s
D. CompilationError
Answer: A
Nitin Manjunath
Ln 75, Col 61
100%
Windows (CRLF)
UTF-8
21°C
Mostly clear
ENG
IN
22:35
07-11-2022

7_11_2022_Snippets_session_classnotes - Notepad

File Edit View

Answer: A

What will be the result of compiling and executing Test class?

```
public class Test {
   public static void main(String[] args) {
      String s1 = "OcA";
      String s2 = "oCa";
      System.out.println(s1.equals(s2));
   }
}
```

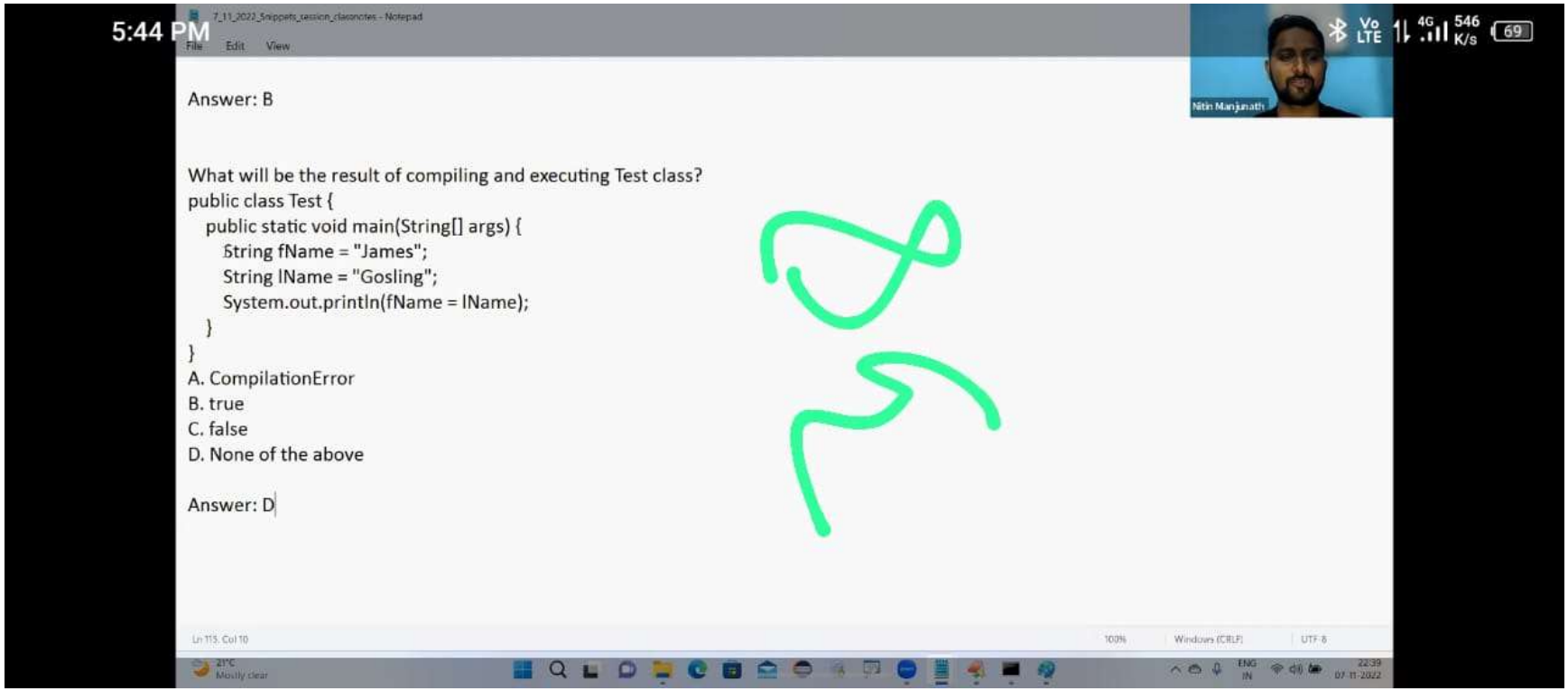
A. true
B. false
C. compilation error
D. None of the above

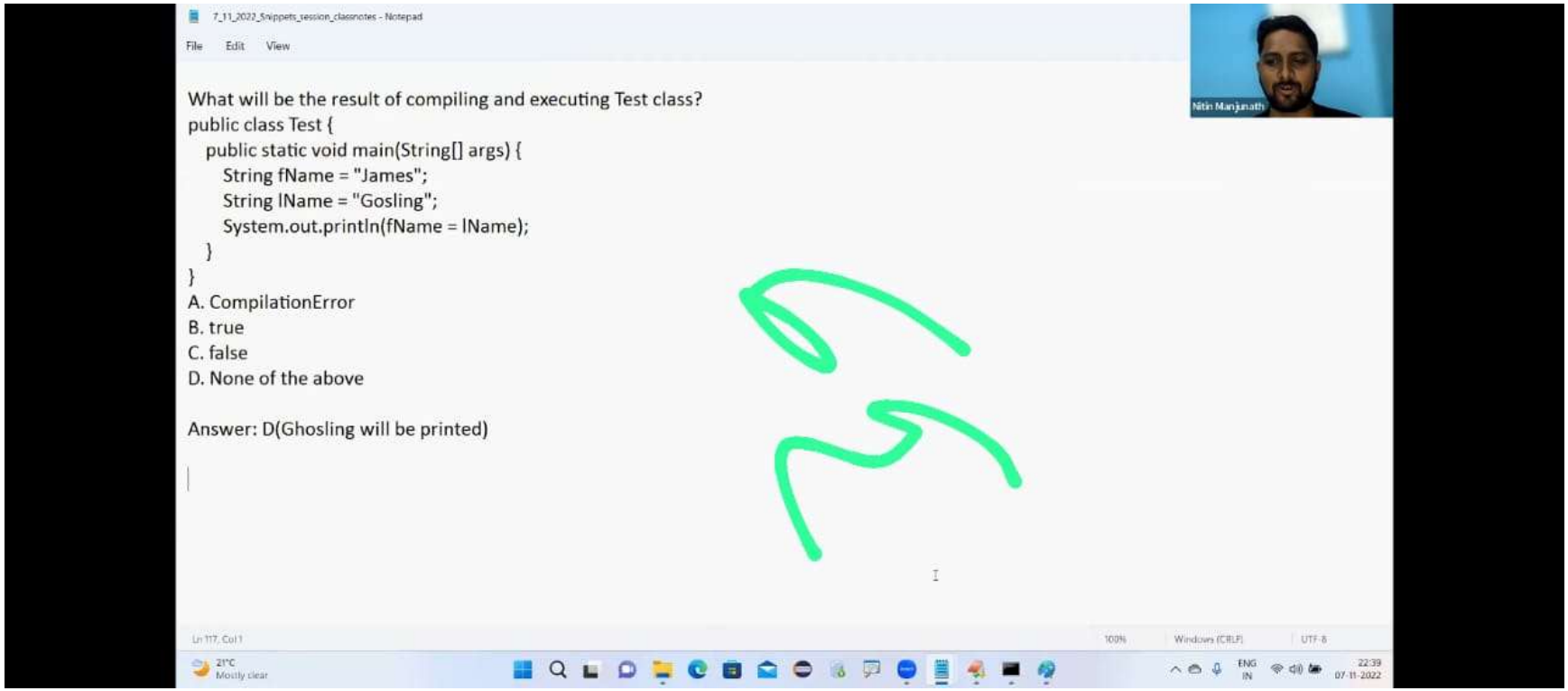
Answer: B

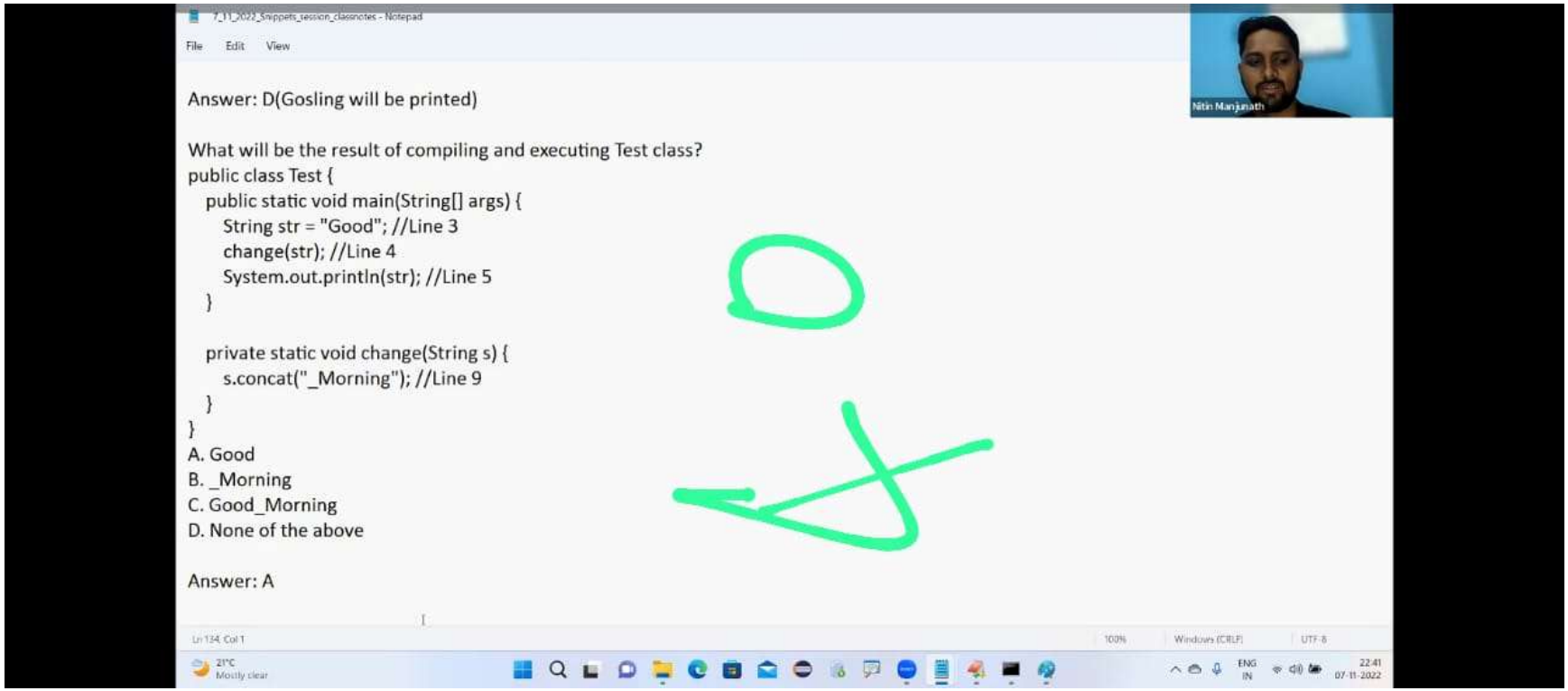
Ln 101, Col 1 100% Windows (CRLF) UTF-8

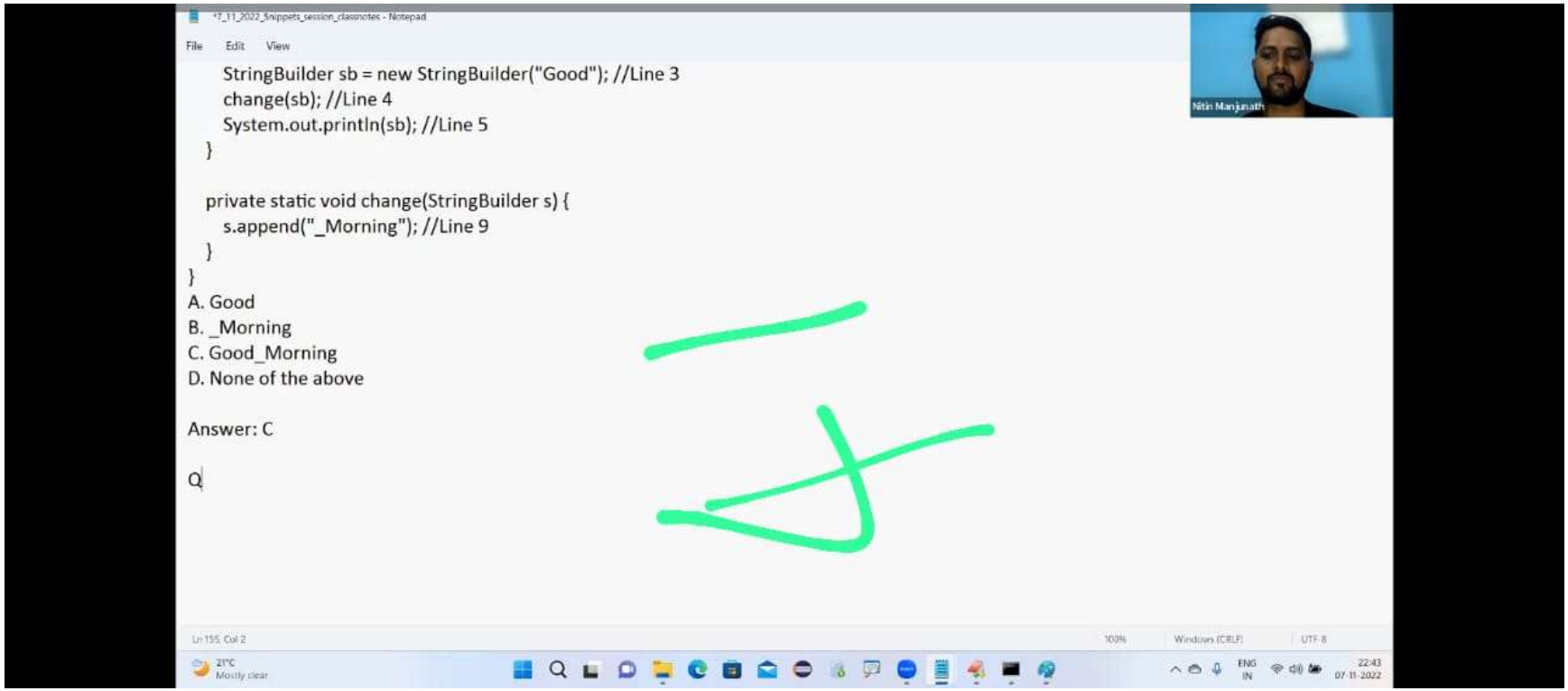
21°C Mostly clear

ENG IN 22:36 07-11-2022


5:44 PM
7_11_2022_Snippets_session_classnotes - Notepad
File Edit View
Nitin Manjunath
Answer: B
What will be the result of compiling and executing Test class?
public class Test {
public static void main(String[] args) {
String fName = "James";
String lName = "Gosling";
System.out.println(fName = lName);
}
}
A. CompilationError
B. true
C. false
D. None of the above
Answer: D
Ln 115, Col 10
100%
Windows (CRLF)
UTF-8


7_11_2022_Snippets_session_classnotes - Notepad
File Edit View
What will be the result of compiling and executing Test class?
public class Test {
public static void main(String[] args) {
String fName = "James";
String lName = "Gosling";
System.out.println(fName = lName);
}
}
A. CompilationError
B. true
C. false
D. None of the above
Answer: D(Ghosling will be printed)
Nitin Manjunath
Ln 117, Col 1
100%
Windows (CRLF)
UTF-8
21°C
Mostly clear
ENG
IN
22:39
07-11-2022


7_11_2022_Snippets_session_classnotes - Notepad
File Edit View
Nitin Manjunath
Answer: D(Gosling will be printed)
What will be the result of compiling and executing Test class?
public class Test {
public static void main(String[] args) {
String str = "Good"; //Line 3
change(str); //Line 4
System.out.println(str); //Line 5
}
private static void change(String s) {
s.concat("_Morning"); //Line 9
}
}
A. Good
B. _Morning
C. Good_Morning
D. None of the above
Answer: A
Ln 134, Col 1
100%
Windows (CRLF)
UTF-8
21°C
Mostly clear
ENG
IN
22:41
07-11-2022


*7_11_2022_Snippets_session_classnotes - Notepad
File Edit View
StringBuilder sb = new StringBuilder("Good"); //Line 3
change(sb); //Line 4
System.out.println(sb); //Line 5
}
private static void change(StringBuilder s) {
s.append("_Morning"); //Line 9
}
}
A. Good
B. _Morning
C. Good_Morning
D. None of the above
Answer: C
Q
Nitin Manjunath
Ln 155, Col 2
100%
Windows (CRLF)
UTF-8
21°C
Mostly clear
ENG
IN
22:43
07-11-2022

7_11_2022_Snippets_session_classnotes - Notepad

File Edit View

Q>

What will be the result of compiling and executing Test class?

```
public class Test {
   public static void main(String[] args) {
      String str1 = new String("Core");
      String str2 = new String("CoRe");
      System.out.println(str1 = str2);
   }
}
```

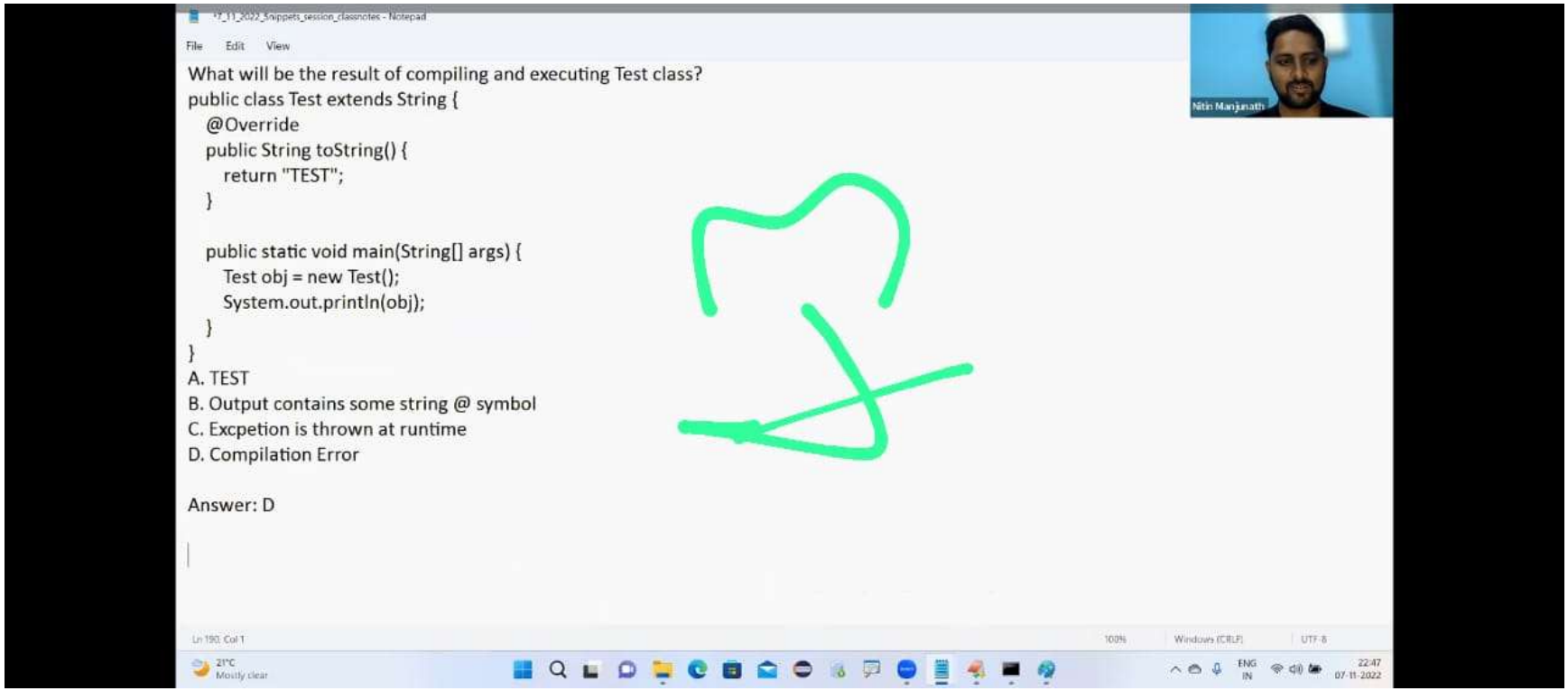
A. true
B. false
C. Core
D. CoRe

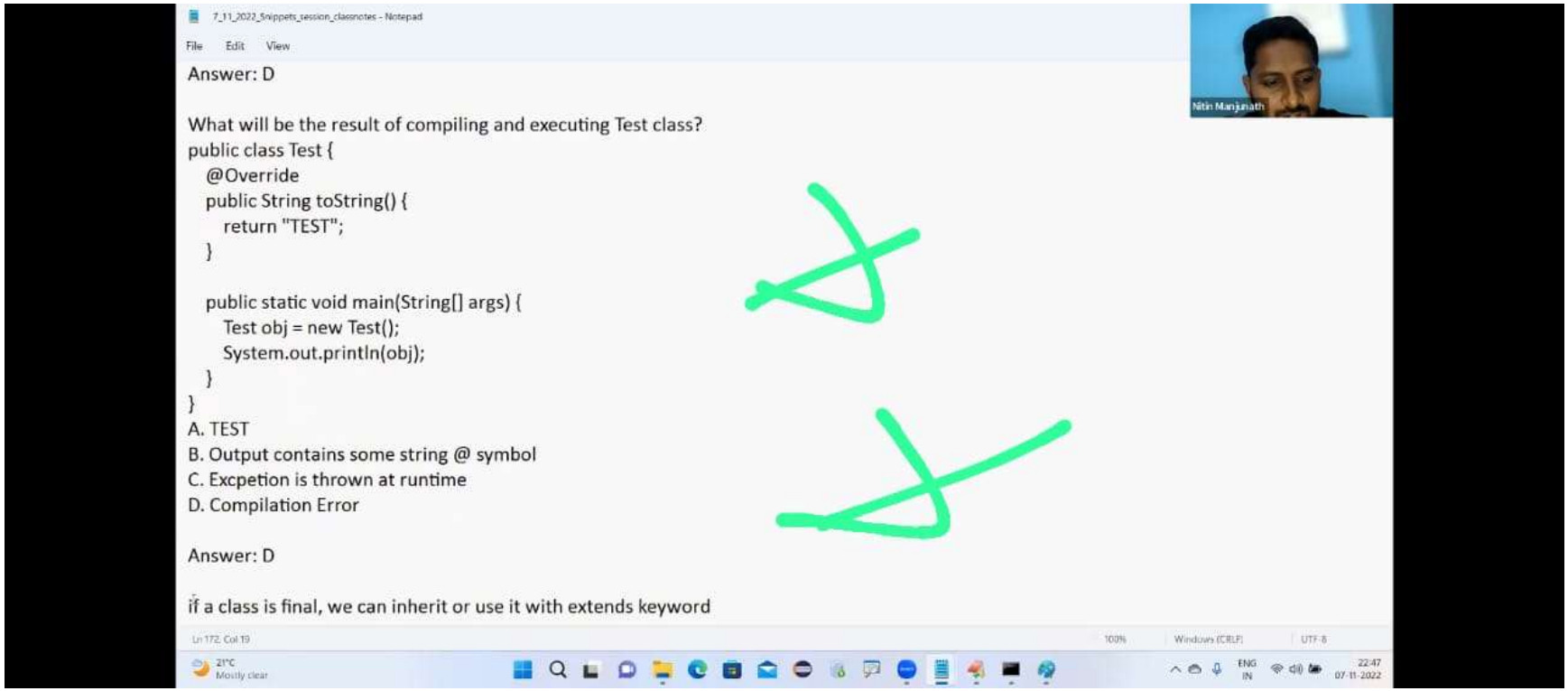
Answer: D

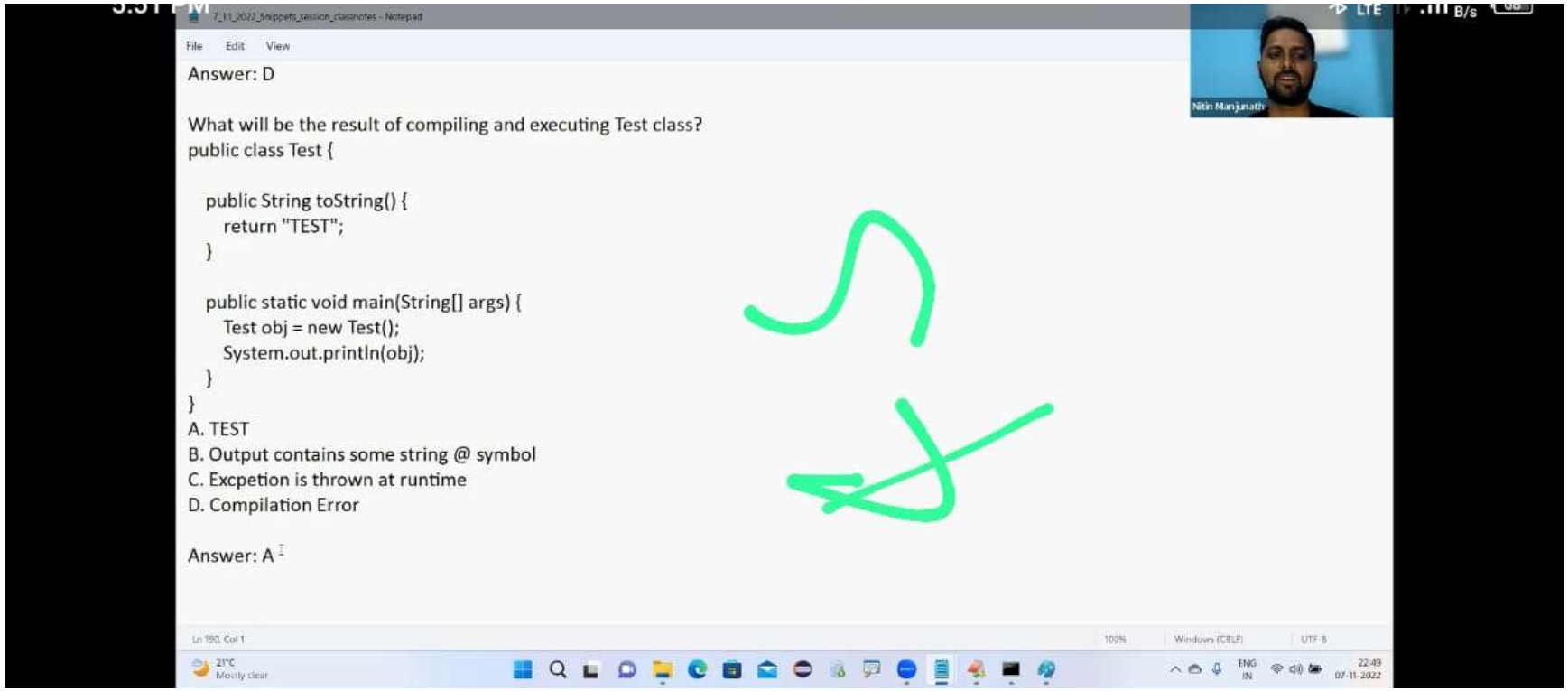
Ln 171, Col 1 100% Windows (CRLF) UTF-8

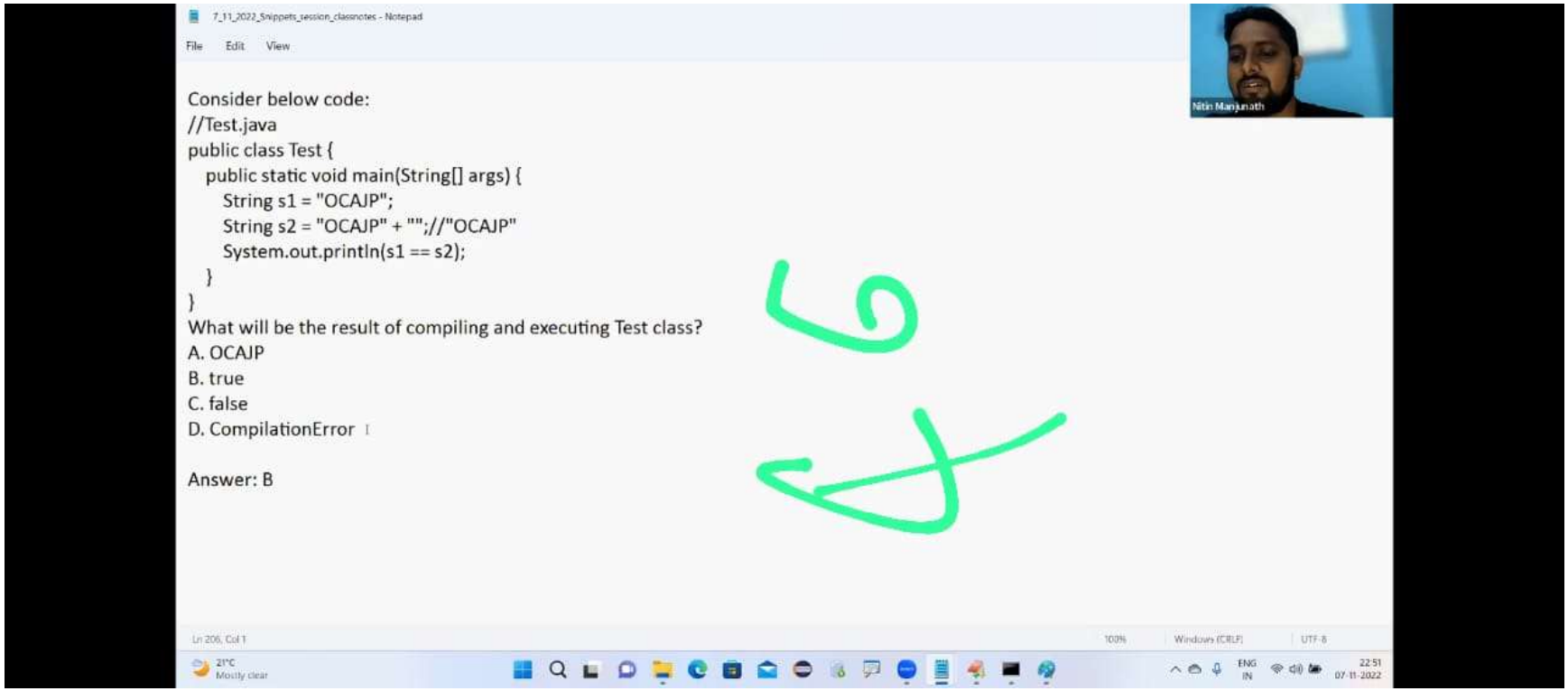
21°C Mostly clear

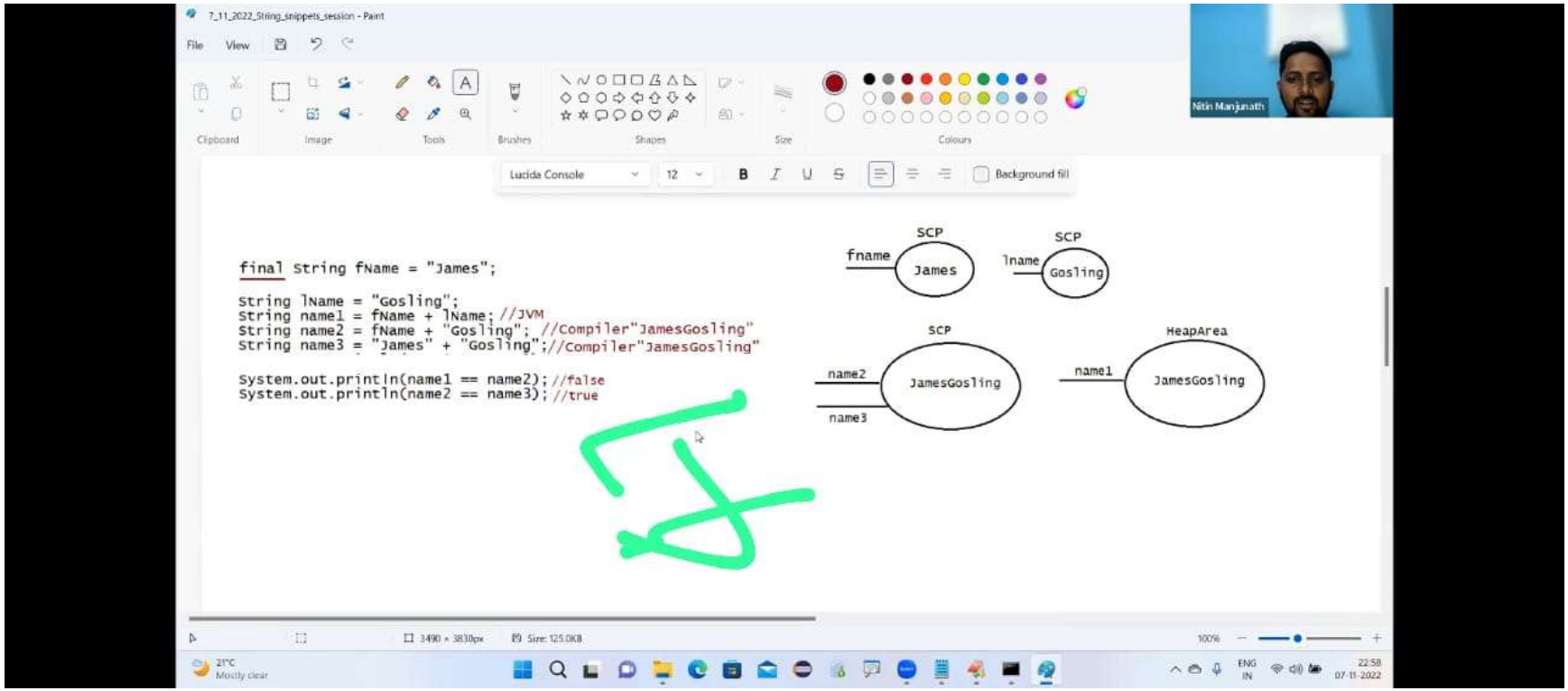
ENG IN 22:44 07-11-2022


*7_11_2022_Snippets_session_classnotes - Notepad
File Edit View
What will be the result of compiling and executing Test class?
public class Test extends String {
@Override
public String toString() {
return "TEST";
}
public static void main(String[] args) {
Test obj = new Test();
System.out.println(obj);
}
}
A. TEST
B. Output contains some string @ symbol
C. Excpetion is thrown at runtime
D. Compilation Error
Answer: D
Nitin Manjunath
Ln 190, Col 1
100%
Windows (CRLF)
UTF-8
21°C
Mostly clear
ENG
IN
22:47
07-11-2022


7_11_2022_Snippets_session_classnotes - Notepad
File Edit View
Answer: D
What will be the result of compiling and executing Test class?
public class Test {
@Override
public String toString() {
return "TEST";
}
public static void main(String[] args) {
Test obj = new Test();
System.out.println(obj);
}
}
A. TEST
B. Output contains some string @ symbol
C. Excpetion is thrown at runtime
D. Compilation Error
Answer: D
if a class is final, we can inherit or use it with extends keyword
Nitin Manjunath
Ln 172, Col 19
100%
Windows (CRLF)
UTF-8
21°C
Mostly clear
ENG
IN
22:47
07-11-2022


7_11_2022_Snippets_session_classnotes - Notepad
File Edit View
Answer: D
What will be the result of compiling and executing Test class?
public class Test {
public String toString() {
return "TEST";
}
public static void main(String[] args) {
Test obj = new Test();
System.out.println(obj);
}
}
A. TEST
B. Output contains some string @ symbol
C. Excpetion is thrown at runtime
D. Compilation Error
Answer: A
Nitin Manjunath
Ln 190, Col 1
100%
Windows (CRLF)
UTF-8
21°C
Mostly clear
ENG
IN
22:49
07-11-2022


7_11_2022_Snippets_session_classnotes - Notepad
File Edit View
Consider below code:
//Test.java
public class Test {
public static void main(String[] args) {
String s1 = "OCAJP";
String s2 = "OCAJP" + "";//"OCAJP"
System.out.println(s1 == s2);
}
}
What will be the result of compiling and executing Test class?
A. OCAJP
B. true
C. false
D. CompilationError
Answer: B
Nitin Manjunath
Ln 206, Col 1
100%
Windows (CRLF)
UTF-8
21°C
Mostly clear
ENG
IN
22:51
07-11-2022


7_11_2022_String_snippets_session - Paint
File
View
Clipboard
Image
Tools
Brushes
Shapes
Size
Colours
Nitin Manjunath
Lucida Console
12
Background fill
final String fName = "James";
String lName = "Gosling";
String name1 = fName + lName; //JVM
String name2 = fName + "Gosling"; //Compiler"JamesGosling"
String name3 = "James" + "Gosling";//Compiler"JamesGosling"
System.out.println(name1 == name2); //false
System.out.println(name2 == name3); //true
SCP
fname
James
SCP
lname
Gosling
SCP
name2
JamesGosling
name3
HeapArea
name1
JamesGosling
3490 × 3830px
Size: 125.0KB
100%
21°C
Mostly clear
ENG
IN
22:58
07-11-2022