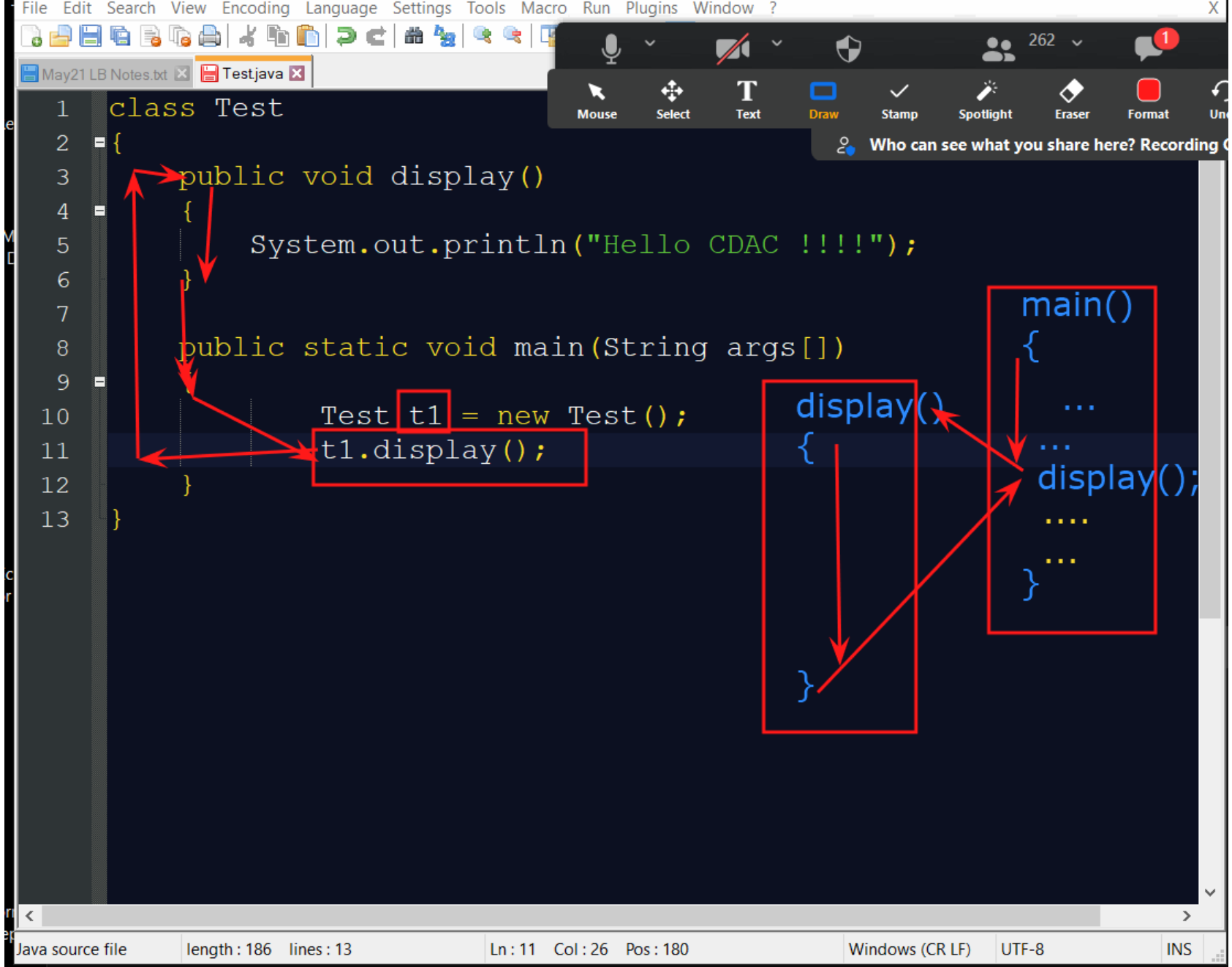
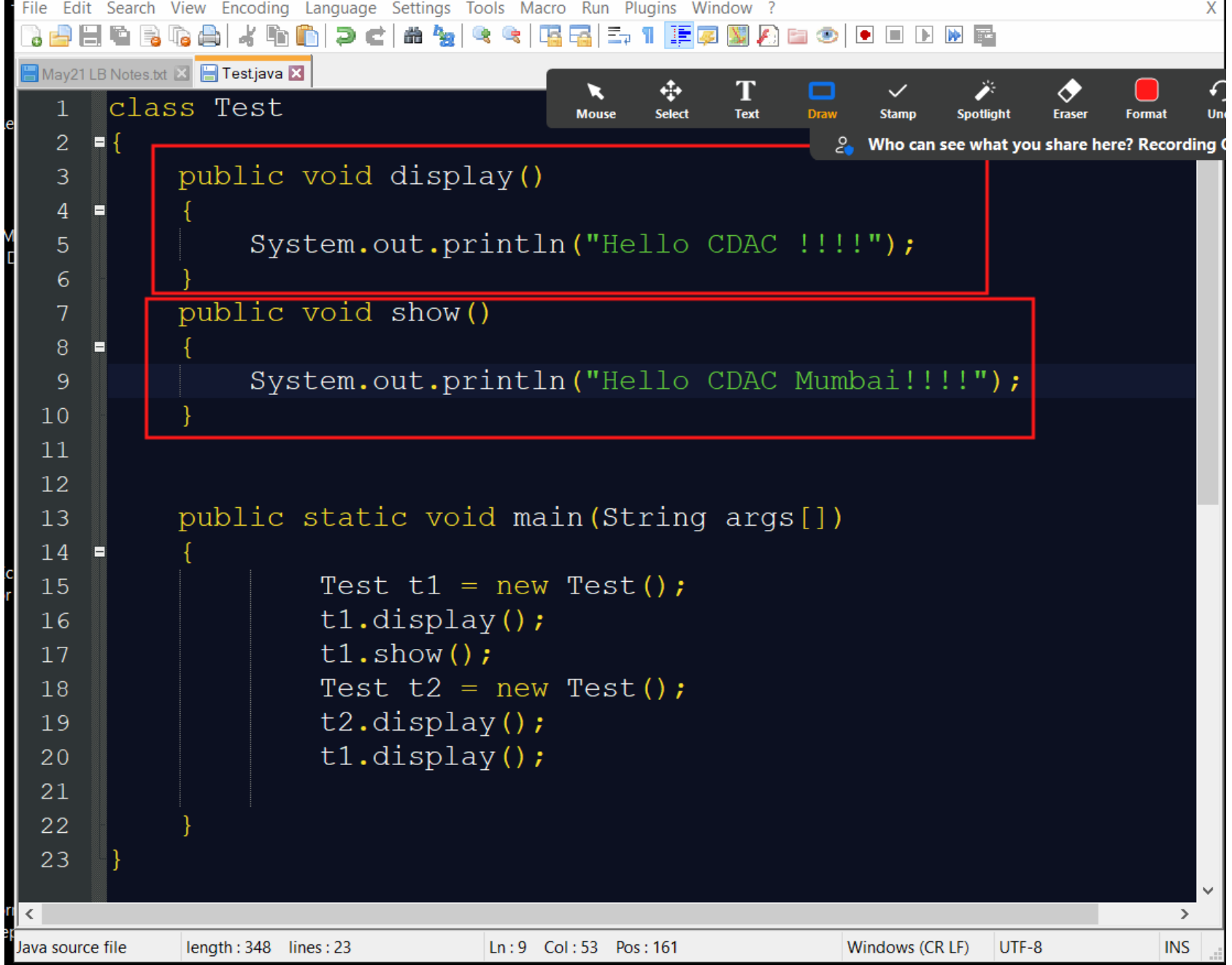
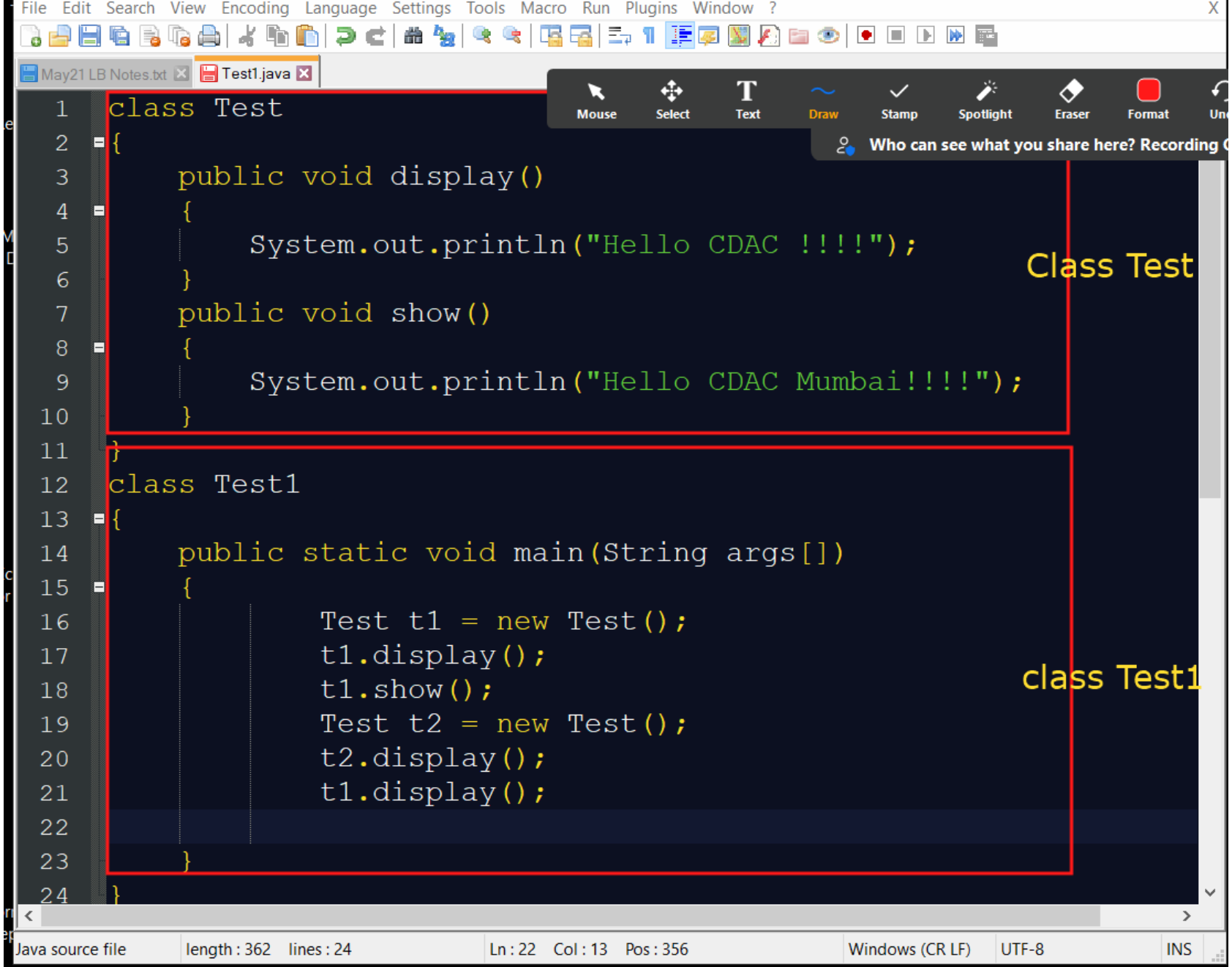
Basic Fundamental Programming
Day 4: May 2021

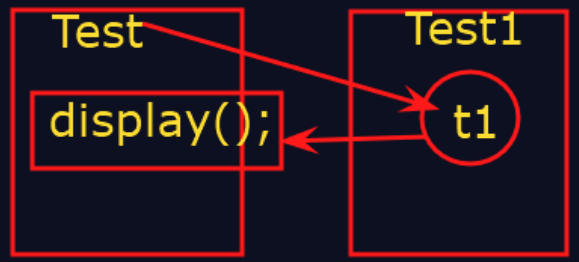
Kiran Waghmare


File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
May21 LB Notes.txt
Test.java
Mouse
Select
Text
Draw
Stamp
Spotlight
Eraser
Format
Who can see what you share here? Recording
class Test
{
public void display()
{
System.out.println("Hello CDAC !!!!");
}
public static void main(String args[])
{
Test t1 = new Test();
t1.display();
}
}
main()
{
...
...
display();
....
...
}
display()
{
}
Java source file
length : 186 lines : 13
Ln : 11 Col : 26 Pos : 180
Windows (CR LF)
UTF-8
INS

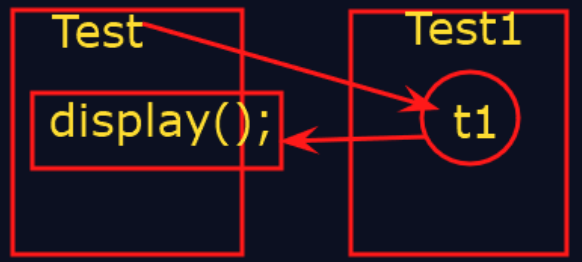

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
May21 LB Notes.txt
Test.java
Mouse
Select
Text
Draw
Stamp
Spotlight
Eraser
Format
Who can see what you share here? Recording
class Test
{
public void display()
{
System.out.println("Hello CDAC !!!!");
}
public void show()
{
System.out.println("Hello CDAC Mumbai!!!!");
}
public static void main(String args[])
{
Test t1 = new Test();
t1.display();
t1.show();
Test t2 = new Test();
t2.display();
t1.display();
}
}
Java source file
length : 348 lines : 23
Ln : 9 Col : 53 Pos : 161
Windows (CR LF)
UTF-8
INS


File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
May21 LB Notes.txt
Test1.java
Mouse
Select
Text
Draw
Stamp
Spotlight
Eraser
Format
Who can see what you share here? Recording
class Test
{
public void display()
{
System.out.println("Hello CDAC !!!!");
}
public void show()
{
System.out.println("Hello CDAC Mumbai!!!!");
}
}
class Test1
{
public static void main(String args[])
{
Test t1 = new Test();
t1.display();
t1.show();
Test t2 = new Test();
t2.display();
t1.display();
}
}
Class Test
class Test1
Java source file
length : 362 lines : 24
Ln : 22 Col : 13 Pos : 356
Windows (CR LF)
UTF-8
INS

```java
class Test
{
    public void display()
    {
        System.out.println("Hello CDAC !!!!");
    }
    public void show()
    {
        System.out.println("Hello CDAC Mumbai!!!!");
    }
}
class Test1
{
    public static void main(String args[])
    {
        Test t1 = new Test();
        t1.display();

    }
}
```



```java
class Test
{
    public void display()
    {
        System.out.println("Hello CDAC !!!!");
    }
    public void show()
    {
        System.out.println("Hello CDAC Mumbai!!!!");
    }
}
class Test1
{
    public static void main(String args[])
    {
        Test t1 = new Test();
        t1.display();

    }
}
```



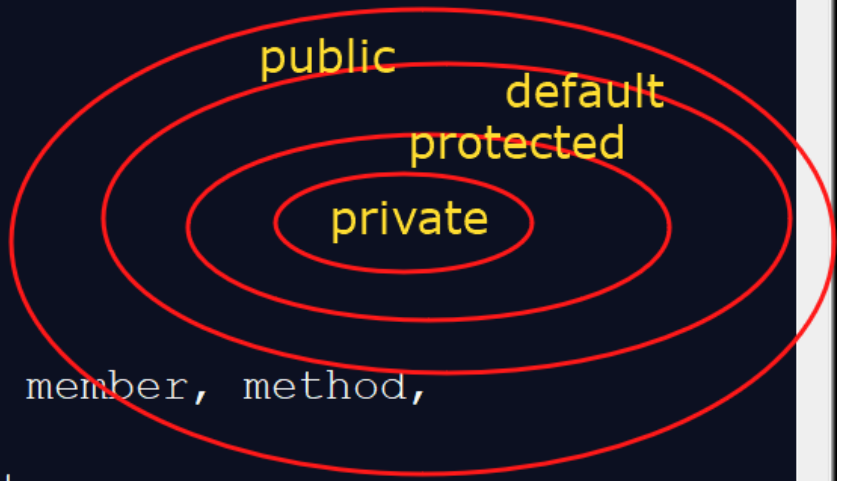
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

May21 LB Notes.txt | Test1.java

Mouse Select Text Draw Stamp Spotlight Eraser Format

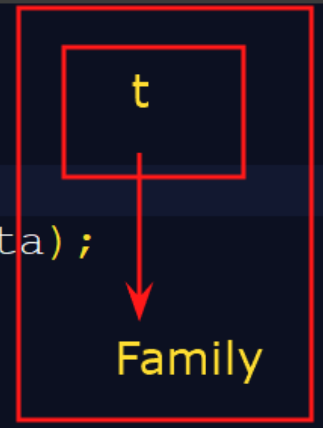
Who can see what you share here? Recording

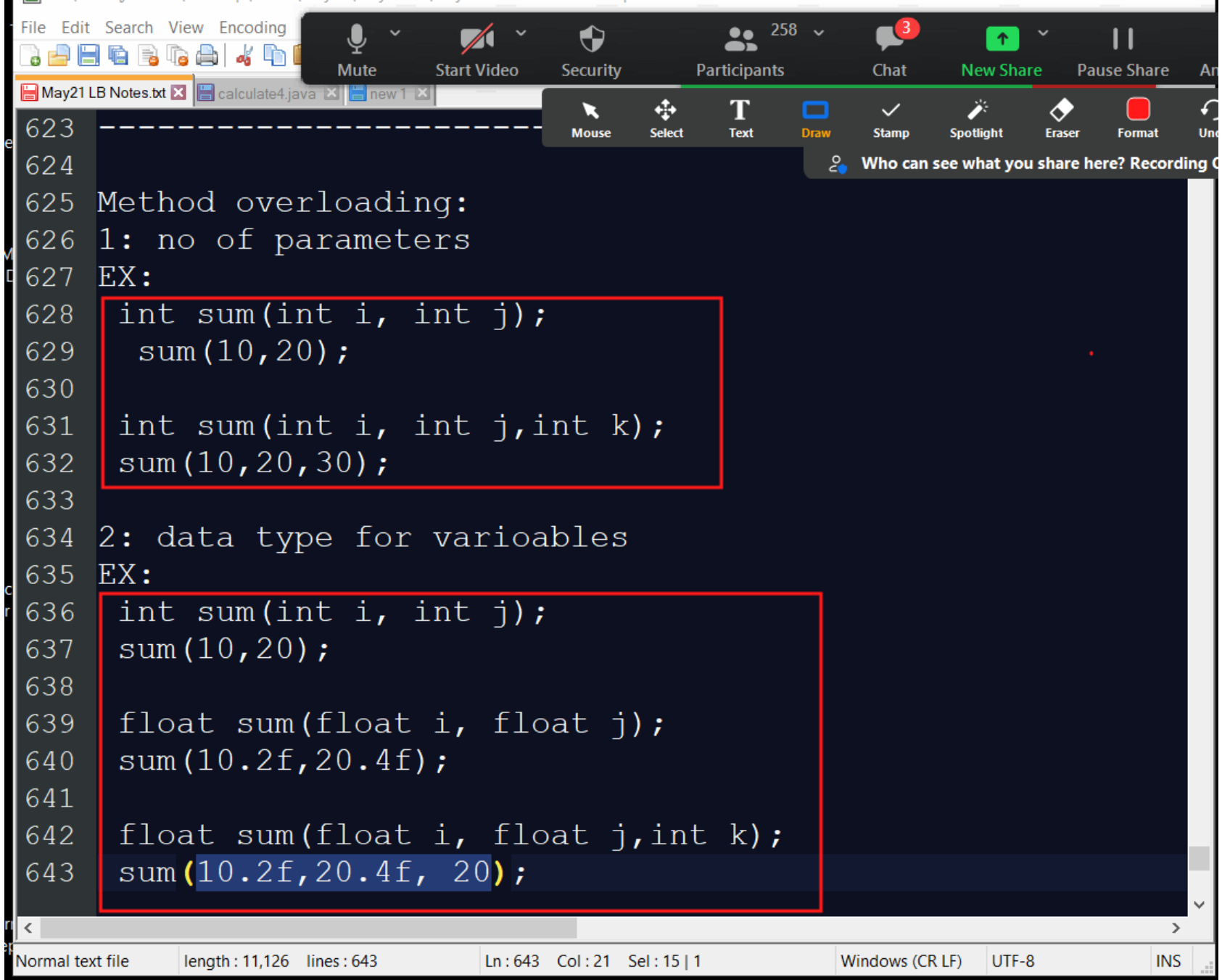
```
588 }
589
590 Access Modifiers: 4 types
591 ------------------
592 1.private
593 2.default
594 3.protected
595 4.public
596
597 -defines the scope of data member, method,
598 constructor or class.
599 -visible to package:default
600 -visible to class:private
601 -visible to the world:public
602 -visible to the package and all subclasses:protected
603
604
605
606 Non-Access Modifiers
607 ------------------
608 -static
609 -abstract
```

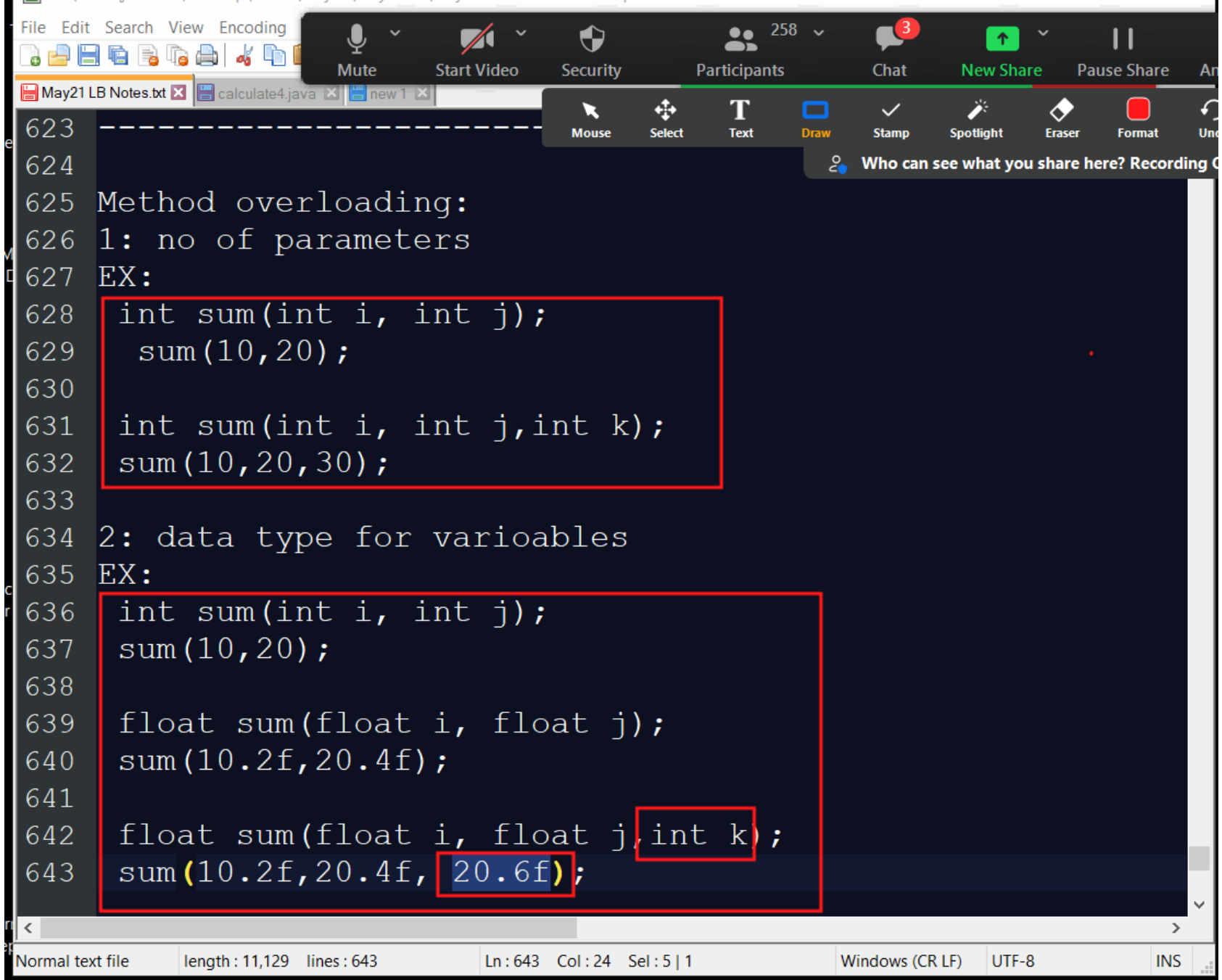


Normal text file | length : 10,650 | lines : 614 | Ln : 604 | Col : 1 | Pos : 10,531 | Windows (CR LF) | UTF-8

```java
class T
{
    protected int data;

    public void msg()
    {
        System.out.println("CDAC....."+data);
    }
}
class Test3
{
    public static void main(String args[])
    {

        T t =new T();
        t.data =40;
        System.out.println(t.data);//CE
        t.msg();//CE
    }

}
```




File Edit Search View Encoding
Mute
Start Video
Security
Participants
258
Chat
3
New Share
Pause Share
May21 LB Notes.txt
calculate4.java
new 1
Mouse
Select
Text
Draw
Stamp
Spotlight
Eraser
Format
Who can see what you share here? Recording
623 ----------
624
625 Method overloading:
626 1: no of parameters
627 EX:
628 int sum(int i, int j);
629 sum(10,20);
630
631 int sum(int i, int j,int k);
632 sum(10,20,30);
633
634 2: data type for varioables
635 EX:
636 int sum(int i, int j);
637 sum(10,20);
638
639 float sum(float i, float j);
640 sum(10.2f,20.4f);
641
642 float sum(float i, float j,int k);
643 sum(10.2f,20.4f, 20);
Normal text file
length : 11,126
lines : 643
Ln : 643
Col : 21
Sel : 15 | 1
Windows (CR LF)
UTF-8
INS


File Edit Search View Encoding
Mute
Start Video
Security
Participants
258
Chat
3
New Share
Pause Share
May21 LB Notes.txt
calculate4.java
new 1
Mouse
Select
Text
Draw
Stamp
Spotlight
Eraser
Format
Who can see what you share here? Recording
623 ----------
624
625 Method overloading:
626 1: no of parameters
627 EX:
628 int sum(int i, int j);
629 sum(10,20);
630
631 int sum(int i, int j,int k);
632 sum(10,20,30);
633
634 2: data type for varioables
635 EX:
636 int sum(int i, int j);
637 sum(10,20);
638
639 float sum(float i, float j);
640 sum(10.2f,20.4f);
641
642 float sum(float i, float j,int k);
643 sum(10.2f,20.4f, 20.6f);
Normal text file
length : 11,129
lines : 643
Ln : 643
Col : 24
Sel : 5 | 1
Windows (CR LF)
UTF-8
INS