



Student.java X Listloader.java

```
system.out.println("fees is not infinite");  
}  
System.out.println("the byte value of fees is "+(byte)Fees); //print the byte value  
}  
public static void main(String ...args) {  
    Student s=new Student(); //creating object of the main class  
  
    //calling the first method  
    s.calculateFeesStructure(222, 'C', 600, true);  
    s.calculateFeesStructure(100, 'B', 455, true);  
    s.calculateFeesStructure(900, 'F', 1097, false);  
  
    //calling the second method  
    s.compareMarks(85, 65);  
    s.compareMarks(78, 90);  
    s.compareMarks(78, 78);  
  
    //calling the third method  
    s.validateFees(250);  
}
```

Elements @ Javadoc Declaration Console X

Student [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe (Nov 4, 2022, 8:37:20 AM - 8:37:23 AM) [pid: 8728]

F fee is exmpted,the calculated fees is:564.0

F fee is exmpted,the calculated fees is:418.6

Eligible for Exemption

s mark is higher than English

s mark is higher than Maths

Are Equal

is not infinite

byte value of fees is -6

Writable

Smart Insert

3:1:38



borty is presenting

The screenshot shows the Eclipse IDE interface. The top toolbar includes buttons for Run, Debug, and other development tools. The main editor area displays a Java class named 'Thread(String Name)' with a 'main' method. The code in the main method includes a loop that prints the state of a thread object. The output of the program is visible in the console, showing the thread's state as 'good', 'NEW', 'NEW', 'TERMINATED', and 'RUNNABLE'.

```

Thread(String Name)
{
    public static void main(String[] args) {
        Thread t = new Thread("good");
        t.start();
        while (true) {
            System.out.println(t.getState());
            try {
                Thread.sleep(1000);
            } catch (InterruptedException e) {}
        }
    }
}

```


Output in the console:

```

good
NEW
NEW
TERMINATED
RUNNABLE


```

Pallabi B




Arnab Mondal

Srikanta



Avijit Ga



14 others

You



Student.java X Listloader.java

package LAB;

public class Student {

//1st method

public void calculateFeesStructure(long studentId, char studentGrade, double monthlyFees, boolean isScholarshipEligible) {

```
    if(studentId!=0&& studentGrade=='A' && isScholarshipEligible==true) { //checking if the grade is 'A'
        double fees =monthlyFees -monthlyFees *10/100 ;
```

```
        System.out.println("10% of fee is exempted,the calculated fees is:"+fees);
```

```
    }
```

```
    else if(studentId!=0&& studentGrade=='B' && isScholarshipEligible==true) { //checking if the grade is 'B'
        double fees =monthlyFees -monthlyFees *8/100 ;
```

```
        System.out.println("8% of fee is exempted,the calculated fees is:"+fees);
```

```
    }
```

```
    else if(studentId!=0&& studentGrade=='C' && isScholarshipEligible==true) { //checking if the grade is 'C'
        double fees =monthlyFees -monthlyFees *6/100 ;
```

```
        System.out.println("6% of fee is exempted,the calculated fees is:"+fees);
```

```
    }
```

```
    else if(studentId!=0&& studentGrade=='D' && isScholarshipEligible==true) { //checking if the grade is 'D'
        double fees =monthlyFees -monthlyFees *4/100 ;
```

```
        System.out.println("4% of fee is exempted,the calculated fees is:"+fees);
```

```
    }
```

```
    else {
```

```
        System.out.println("Not Eligible for Exemption");
```

Elements @ Javadoc Declaration Console X

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Student.java X Listloader.java

```
    else {  
        System.out.println("Not Eligible for Exemption");  
    }  
  
    //2nd method  
  
public void compareMarks(long Maths,double English) {  
    if(English> Maths) { //if block to check  
        System.out.println("English mark is higher than Maths");  
    }  
  
    else if(English<Maths) {  
        System.out.println("Maths mark is higher than English");  
    }  
    else {  
        System.out.println("Both Are Equal");  
    }  
}  
  
//3rd method  
public void validateFees(double Fees) {  
    if(Fees>10000000) { //if block for check  
        System.out.println("Fees is Infinite");  
    }  
    else {  
        System.out.println("Fees is not infinite");  
    }  
}
```

Items @ Javadoc Declaration Console X

C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe (Nov 4, 2022, 8:37:20 AM – 8:37:23 AM) [pid: 8728]

Writable

Smart Insert

3 : 1 : 38

