

```
1 package com.edu.str;
2
3 public class Exersice11 {
4
5     public static void main(String[] args) {
6         int i=1;
7         while(i<=0) {
8             System.out.println("skilling IOT student"+i);
9             i++;
10
11     }
12
13 }
14
15 }
16
```



The screenshot shows the Eclipse IDE interface. The top menu bar includes Project, Run, Window, and Help. The toolbar contains various icons for file operations like New, Open, Save, Cut, Copy, Paste, Find, and Delete. The title bar shows multiple open projects: UnaryOperat..., FibonacciSe..., Exersice11.java, Exersice12.java (selected), Exersice20.java, and Task L. The main editor area displays the following Java code:

```
1 package com.edu.str;
2
3 public class Exersice12 {
4
5     public static void main(String[] args) {
6         int i=1;
7         do {
8             System.out.println("Skilling IOT student"+i);
9             i++;
10        }while(i<=10);
11    }
12}
13}
14}
15}
16}
```

Problems @ Javadoc Declaration Console X

<terminated> Exersice12 [Java Application] C:\Users\ELCOT\Downloads\eclipse-jee-2021-12-R-win32-x86_64\eclipse\plugins\org.eclipse.justj.openjdk

```
Skilling IOT student1
Skilling IOT student2
Skilling IOT student3
Skilling IOT student4
Skilling IOT student5
Skilling IOT student6
Skilling IOT student7
Skilling IOT student8
Skilling IOT student9
Skilling IOT student10
```

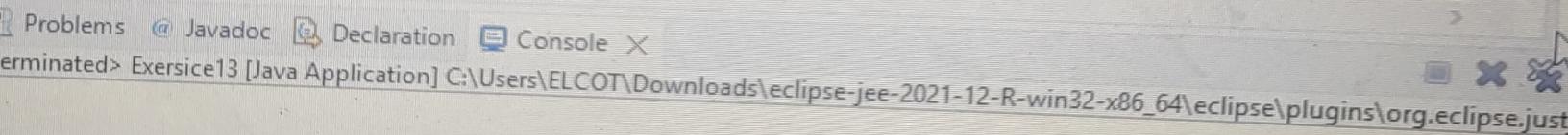
Writable

Smart Insert

16:1:208



```
2
3 public class Exersice13 {
4
5     public static void main(String[] args) {
6         for(int i=1;i<=0;i++) {
7             System.out.println("Skilling IOT student"+i);
8         }
9
10    }
11
12 }
13 }
```



Writable

Smart Insert

1:21:20

The screenshot shows the Eclipse IDE interface with the following details:

- Top Bar:** Project, Run, Window, Help.
- Toolbar:** Standard icons for file operations like Open, Save, Print, etc.
- Tab Bar:** Exersice11.java, Exersice12.java, Exersice13.java, City14.java (selected), Exersice20.java, »26.
- Code Editor:** Displays the Java code for City14.java. The code defines a class City14 with fields name and population, and methods display() and main(). It creates two objects, metro1 and metro2, and prints their details.

```
1 package com.edu.str;
2
3 public class City14 {
4
5     public String name;
6     public long population;
7
8     public void display()
9     {
10         System.out.println("city name:"+name);
11         System.out.println("population:"+population);
12     }
13     public static void main(String args[])
14     {
15         City14 metro1,metro2;
16         metro1=new City14();
17         metro2=new City14();
18
19         metro1.name="Mumbai";
20         metro1.population=234509876;
21         System.out.println("details of metro city 1:");
22         metro1.display();
23
24         metro2.name="pune";
25         metro2.population=5437890;
26         System.out.println("details of metro city 2:");
27         metro2.display();
28     }
29 }
```

Problems @ Javadoc Declaration Console X

<terminated> City14 [Java Application] C:\Users\ELCOT\Downloads\eclipse-jee-2021-12-R-win32-x86_64\eclipse\plugins\org.eclipse.jdt.core\src\org\elcot\exercises\City14.java
details of metro city 1:
city name:Mumbai
population:234509876
details of metro city 2:
city name:pune
population:5437890

Writable

Smart Insert

24 : 15 : 508



Exersice11.java

Exersice12.java

Exersice13.java

City14.java

Exersice15.java

» 26

```
1 package com.edu.str;
2
3 class ParentClass{
4     int a=10;
5     public int b=20;
6     protected int c=40;
7     protected int d=40;
8
9
10 void ShowData() {
11     System.out.println("inside parentclass");
12     System.out.println("a="+a);
13     System.out.println("b="+b);
14     System.out.println("c="+c);
15     System.out.println("d="+d);
16 }
17 }
18
19 }
20
21 class ChildClass extends ParentClass{
22 void AccessData() {
23     System.out.println("inside childclass");
24     System.out.println("a="+a);
25     System.out.println("b="+b);
26     System.out.println("c="+c);
27     System.out.println("d="+d);
~~
```

Problems @ Javadoc Declaration Console X

<terminated> Exersice15 [Java Application] C:\Users\ELCOT\Downloads\eclipse-jee-2021-12-R-win32-x86_64\eclipse\plugins\org.ec

d=40

inside childclass

a=10

b=20

c=40

d=40

The screenshot shows the Eclipse IDE interface with the following details:

- Toolbar:** Standard Eclipse toolbar icons.
- Project Bar:** Shows tabs for "Exersice12.java", "Exersice13.java", "City14.java", "Exersice15.java", and "Exersice16.java".
- Code Editor:** Displays the Java code for "Exersice16.java". The code includes a constructor and a main method.

```
1 package com.edu.str;
2
3 public class Exersice16 {
4
5
6     Exersice16()
7     {
8         System.out.println(" creating a default constructor");
9     }
10
11
12     public static void main(String[] args) {
13         Exersice16 skilling =new Exersice16();
14     }
15 }
16
17 }
18 }
```

- Output View:** Shows the output of the program execution.

Problems Javadoc Declaration Console

<terminated> Exersice16 [Java Application] C:\Users\ELCOT\Downloads\eclipse-jee-2021-12-R-win32-x86_64\eclipse\plugins\org.eclipse.jst.jdt.core\src\main\java\com\edu\str\Exersice16.java:12: error: cannot find symbol

 Exersice16()

 ^

 symbol: class Exersice16

 location: class Exersice16

The screenshot shows the Eclipse IDE interface with the following details:

- Toolbar:** Standard Eclipse toolbar icons for file operations, search, and run.
- Project Bar:** Shows five open Java files: Exersice13.java, City14.java, Exersice15.java, Exersice16.java, and Exersice17.java (the active file). A status indicator "» 26" is shown next to Exersice17.java.
- Code Editor:** The content of Exersice17.java is displayed:

```
1 package com.edu.str;
2
3 public class Exersice17 {
4     int i;
5     Exersice17()
6     {
7         i=10;
8         System.out.println(" creating a no argument constructor");
9         System.out.println("i="+i);
10    }
11
12
13    public static void main(String[] args) {
14        Exersice17 skilling =new Exersice17();
15    }
16
17
18 }
19
```
- Console View:** Shows the output of the program execution.

Problems Javadoc Declaration Console X

<terminated> Exersice17 [Java Application] C:\Users\ELCOT\Downloads\eclipse-jee-2021-12-R-win32-x86_64\eclipse\plugins\org.eclipse.justj.open
creating a no argument constructor
i=10

eclipse IDE

Project Run Window Help

The screenshot shows the Eclipse IDE interface with the following details:

- Toolbar:** Standard Eclipse icons for file operations (New, Open, Save, Cut, Copy, Paste, Find, etc.).
- ActionBar:** Buttons for Project, Run, Window, Help.
- Tab Bar:** Displays multiple Java files: City14.java, Exersice15.java, Exersice16.java, Exersice17.java, and Exersice19.java (the active tab).
- Code Editor:** The content of the Exersice19.java file is displayed. The code defines a class Exersice19 with two methods sum and main. The main method creates an object of Exersice19 and calls its sum method twice with different arguments.

```
1 package com.edu.str;
2
3 public class Exersice19 {
4     void sum(int a,int b) {
5         System.out.println(a+b);
6     }
7     void sum(int a,int b,int c) {
8         System.out.println(a+b+c);
9     }
10
11    public static void main(String[] args) {
12        Exersice19 obj=new Exersice19();
13        obj.sum(50, 50);
14        obj.sum(50,50,50);
15
16    }
17
18 }
19
```

I

Problems Javadoc Déclaration Console X

<terminated> Exersice19 [Java Application] C:\Users\ELCOT\Downloads\eclipse-jee-2021-12-R-win32-x86_64\eclipse\plugins\org.eclipse.jdt.openjdt

100

150

Writable

Smart Insert

14 : 24 : 293



File Project Run Window Help

The screenshot shows the Eclipse IDE interface with the following details:

- Toolbar:** Standard Eclipse icons for file operations, search, and navigation.
- Project Explorer:** Shows a single project named "Exersice20".
- Java Editor:** Displays the contents of the file "Exersice20.java".
- Recent Files:** A list of recently opened files: Exersice15.java, Exersice16.java, Exersice17.java, Exersice19.java, and Exersice20.java.
- Status Bar:** Shows "Writable" and "Smart Insert" status.
- Bottom Status Bar:** Shows the path "C:\Users\ELCOT\Downloads\eclipse-jee-2021-12-R-win32-x86_64\eclipse\plugins\org.eclipse.justj.java", the line number "100", and the character position "100".

```
1 package com.edu.str;
2
3 public class Exersice20 {
4     void sum(int a,int b) {
5         System.out.println(a+b);
6     }
7     void sum(long a,long b) {
8         System.out.println("a+b");
9     }
10
11    public static void main(String[] args) {
12        Exersice20 obj =new Exersice20();
13        obj.sum(50, 50);
14        obj.sum(50, 50);
15        |
16
17    }
18
19 }
20
```

.java

