Welcome   J Main.java X   Extension: Extension Pack for Java

com > example > project > J Main.java > 😊 Main > 🔞 main(String[])

```java
1   package com.example.project;
2
3   class InnerClass{
4       void display(){
5       System.out.println("hello fromInnerClass");
6       }
7   }
8
9   public class Main{
    Run | Debug
10      public static void main(String[]args){
11          InnerClass obj=new InnerClass();
12          obj.display();
13
14      }
15
16  }
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   Run: Main + ∨ ⊡ 🗑 ··· ∧ ✕

Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\hp\Desktop\coding> & 'C:\Program Files\Java\jre1.8.0_331\bin\java.exe' '-cp' 'C:\Use
rs\hp\AppData\Roaming\Code\User\workspaceStorage\cc0ca1417fc30c5b4272853ef6024011\redhat.java\jdt
_ws\coding_ec74b2a5\bin' 'com.example.project.Main'
hello fromInnerClass
PS C:\Users\hp\Desktop\coding>
PS C:\Users\hp\Desktop\coding>
PS C:\Users\hp\Desktop\coding> []

Ln 12, Col 23   Spaces: 4   UTF-8   CRLF   {} Java

AwtExample.java – coding – Visual Studio Code [Administrator]

Keyboard Shortcuts

J AwtExample.java

```java
1   import java.awt.*;
2   import java.awt.event.*;
3
4   public class AwtExample extends Frame{
5
6       AwtExample(){
7           Button b=new Button("Click Me");
8           b.setBounds(30,100,80,30);
9           add(b);
10          setSize(300,300);
11          setLayout(null);
12          setVisible(true);
13          addWindowListener(new WindowAdapter(){
14              public void WindowClosing(WindowEvent e){
15                  dispose();
16              }
17          });
18      }
```

Run | Debug

PROBLEMS **1**   OUTPUT   DEBUG CONSOLE   TERMINAL

Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

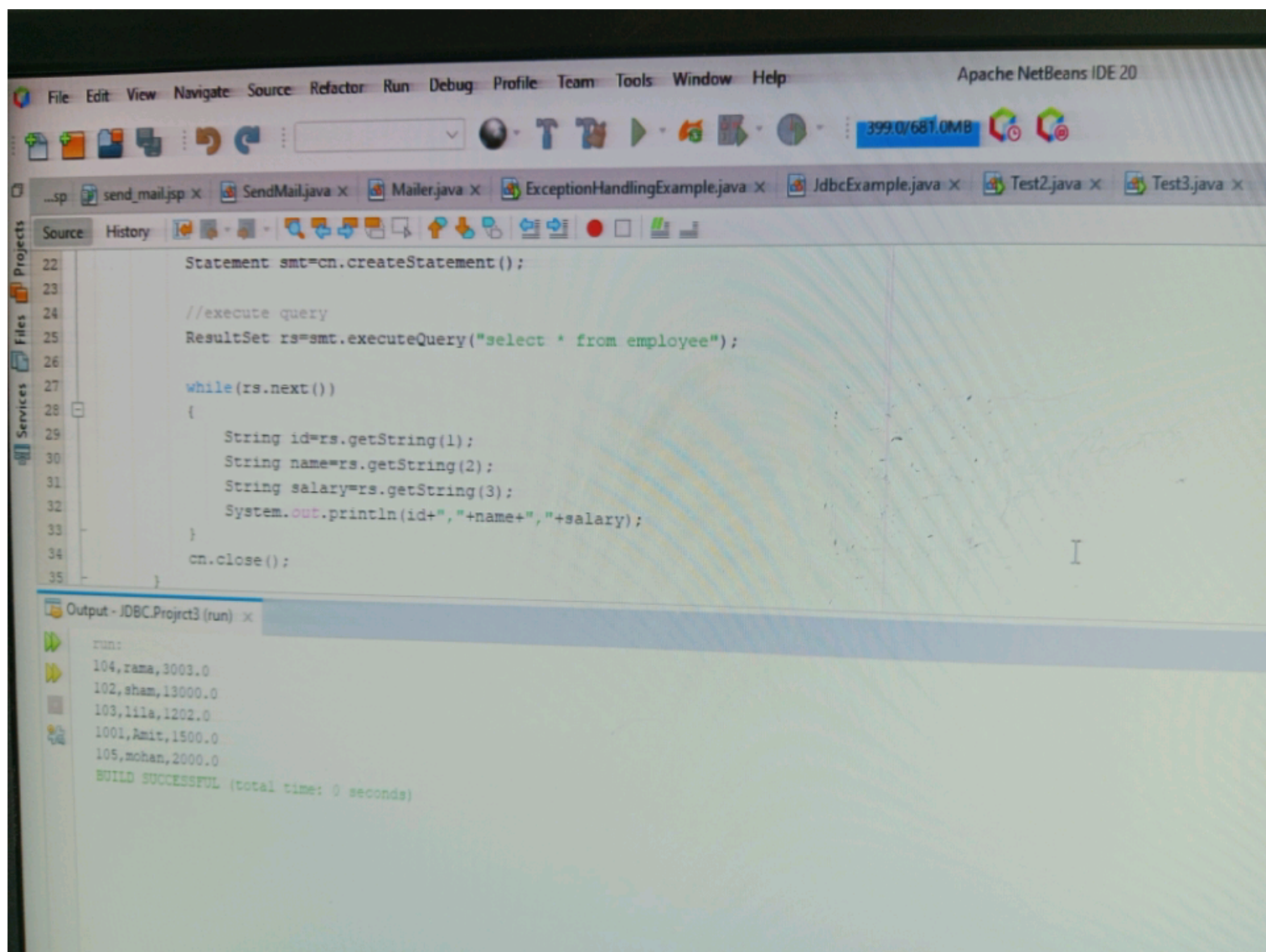Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Administrator\Desktop\coding> & 'C:\Program Files\Java\jre1.8.0_331
\bin\java.exe' '-cp' 'C:\Users\Administrator\AppData\Roaming\Code\User\workspace
Storage\4fff2ce7ca5065ebdb357c67e6b96b4d\redhat.java\jdt_ws\coding_307e9bfe\bin'
 'AwtExample'

Run: A
Run: A

> OUTLINE
> TIMELINE
> JAVA PROJECTS

⊗ 0 ⚠ 1   Java: Ready

Ln 17, Col 12   Spaces: 4   UTF-8   CRLF   {} Java

Click Me

399.0/681.0MB

...sp send_mail.jsp ×   SendMail.java ×   Mailer.java ×   ExceptionHandlingExample.java ×   JdbcExample.java ×   Test2.java ×   Test3.java ×

Source History

```java
22              Statement smt=cn.createStatement();
23
24              //execute query
25              ResultSet rs=smt.executeQuery("select * from employee");
26
27              while(rs.next())
28              {
29                  String id=rs.getString(1);
30                  String name=rs.getString(2);
31                  String salary=rs.getString(3);
32                  System.out.println(id+","+name+","+salary);
33              }
34              cn.close();
35          }
```

Output - JDBC.Projrct3 (run) ×

```
run:
104,rama,3003.0
102,sham,13000.0
103,lila,1202.0
1001,Amit,1500.0
105,mohan,2000.0
BUILD SUCCESSFUL (total time: 0 seconds)
```

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Compiler

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java | ⛶ 🌙 Run | Output

```java
mport java.sql.*;

public class DatabaseConnectivityExample {
    // JDBC URL, username, and password of MySQL server
    private static final String JDBC_URL = "jdbc:mysql://localhost
        :3306/mydatabase";
    private static final String USERNAME = "username";
    private static final String PASSWORD = "password";

    public static void main(String[] args) {
        try {
            // Establishing a connection to the database
            Connection connection = DriverManager.getConnection
                (JDBC_URL, USERNAME, PASSWORD);

            // Creating a statement object to perform queries
            Statement statement = connection.createStatement();

            // Executing a simple query to retrieve some data
            ResultSet resultSet = statement.executeQuery("SELECT *
```
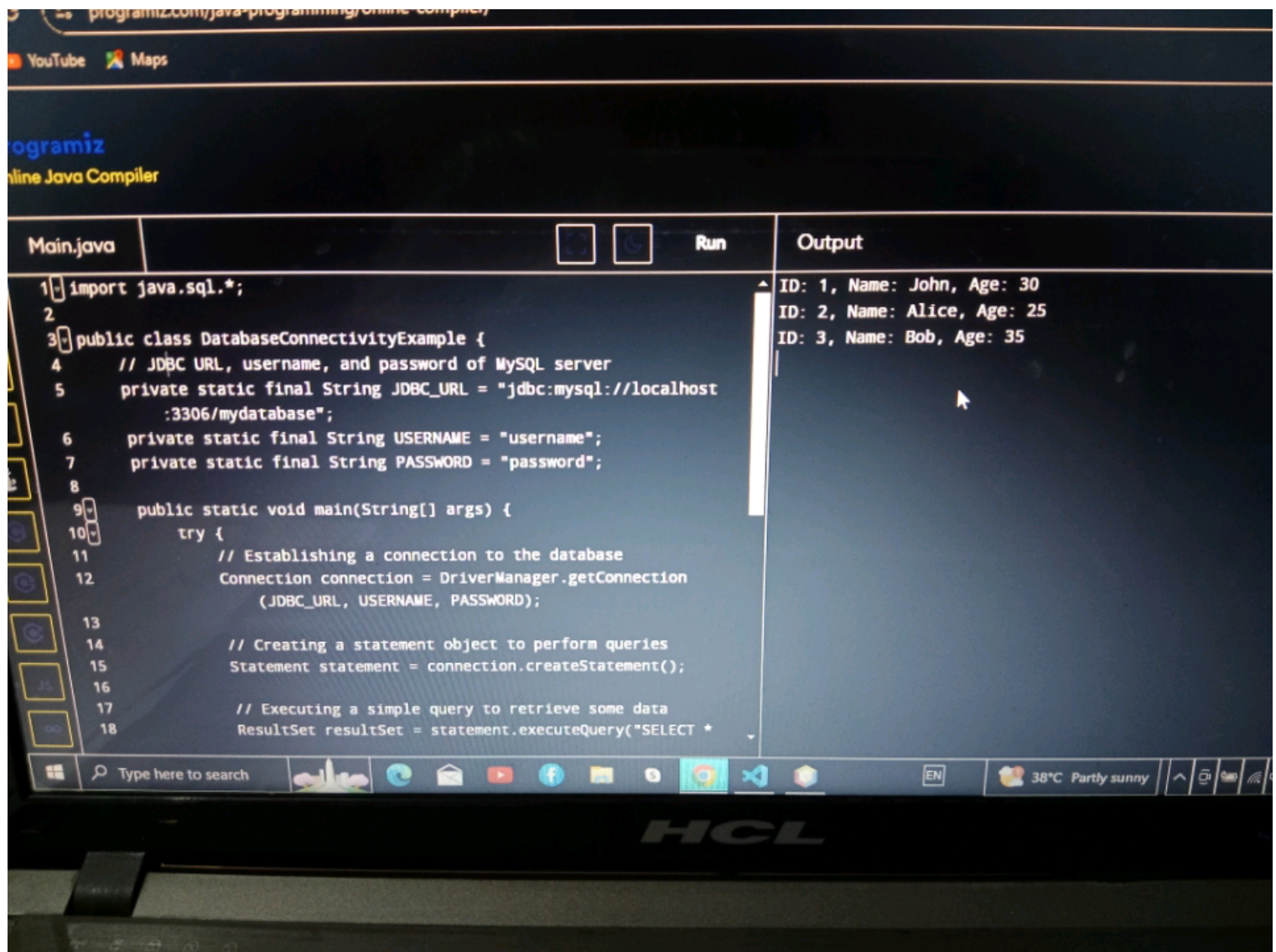
```
| id |  name  | age |
|----|--------|-----|
|  1 | John   |  30 |
|  2 | Alice  |  25 |
|  3 | Bob    |  35 |
```

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nline Java Compiler

Main.java   [ ] [ ] **Run**

Output

```
1  import java.sql.*;
2
3  public class DatabaseConnectivityExample {
4      // JDBC URL, username, and password of MySQL server
5      private static final String JDBC_URL = "jdbc:mysql://localhost
          :3306/mydatabase";
6      private static final String USERNAME = "username";
7      private static final String PASSWORD = "password";
8
9      public static void main(String[] args) {
10         try {
11             // Establishing a connection to the database
12             Connection connection = DriverManager.getConnection
                   (JDBC_URL, USERNAME, PASSWORD);
13
14             // Creating a statement object to perform queries
15             Statement statement = connection.createStatement();
16
17             // Executing a simple query to retrieve some data
18             ResultSet resultSet = statement.executeQuery("SELECT *
```

```
ID: 1, Name: John, Age: 30
ID: 2, Name: Alice, Age: 25
ID: 3, Name: Bob, Age: 35
```

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ne Java Compiler

Main.java

Run   Output

```
11  class MyThread extends Thread {
12      private String name;
13
14      public MyThread(String name) {
15          this.name = name;
16      }
17
18      public void run() {
19          for (int i = 0; i < 5; i++) {
20              System.out.println(name + " is running...");
21              try {
22                  Thread.sleep(1000); // Sleep for 1 second
23              } catch (InterruptedException e) {
24                  e.printStackTrace();
25              }
26          }
27          System.out.println(name + " finished.");
28      }
29  }
30
```

```
java -cp /tmp/9kFzyqhcuf/MultithreadingExample
Thread 1 is running...
Thread 2 is running...
Thread 1 is running...
Thread 2 is running...
Thread 1 is running...
Thread 2 is running...
Thread 1 is running...
Thread 2 is running...
Thread 1 is running...
Thread 2 is running...
Thread 1 finished.
Thread 2 finished.

=== Code Execution Successful ===
```

Type here to search

```
C:\Windows\System32\cmd.exe

E:\>javac Main.java

E:\>java Main
enter name
Abc
enter roll no
14
enter class
6a
inserted successfully :   insert into student1 values('Abc',14,'6a')


E:\>
```