

Program 02 -

```
C:\Windows\System32\cmd.exe
D:\This PC\Documents\ADVJavaLabFile>java Program_02
Outer Data: 10
Inner Data: 20

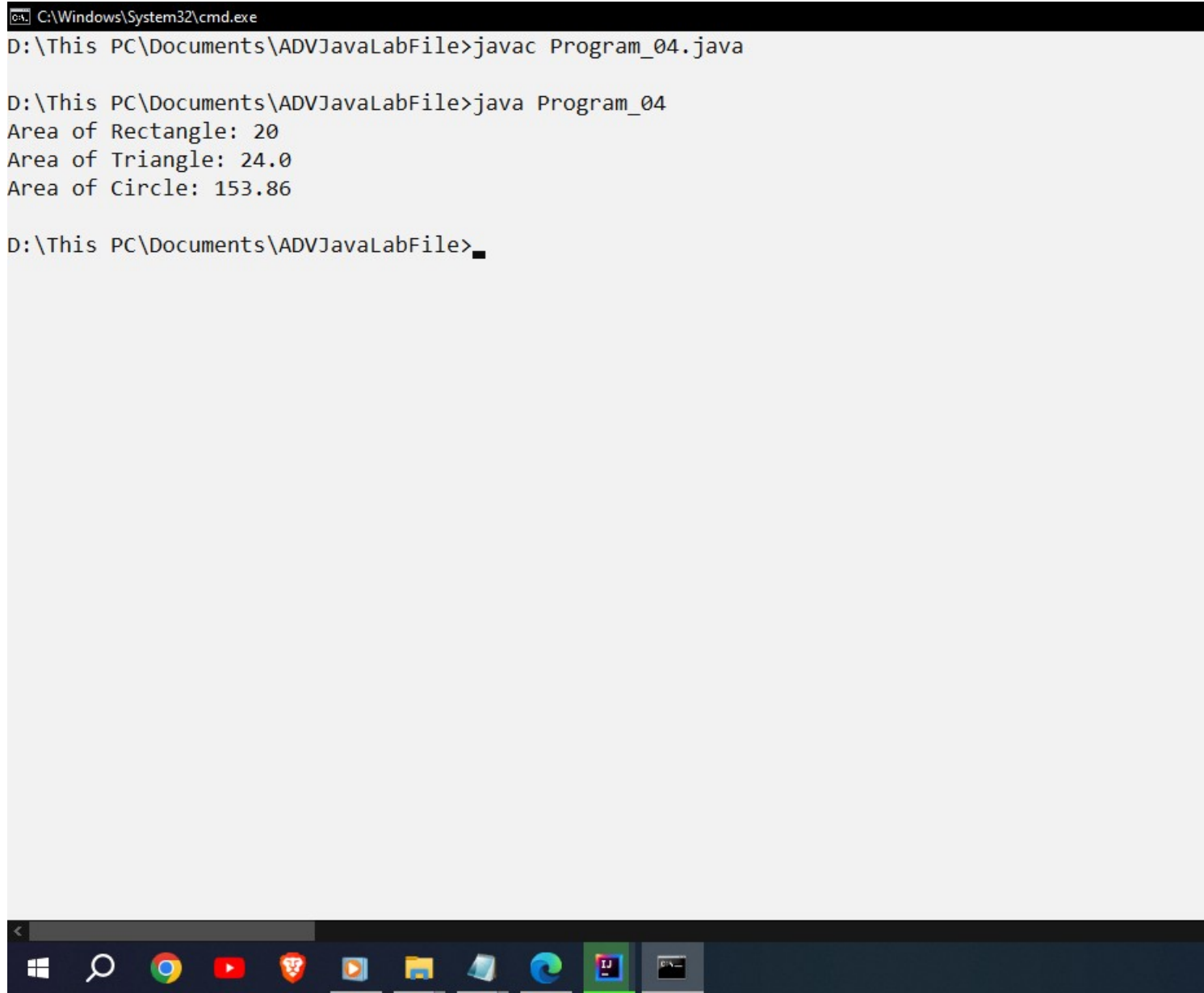
D:\This PC\Documents\ADVJavaLabFile>
```

Program 03 -

```
C:\Windows\System32\cmd.exe
D:\This PC\Documents\ADVJavaLabFile>java Program_03
Hello from ParentClass
Hello from ChildClass

D:\This PC\Documents\ADVJavaLabFile>
```

Program 04 -



A screenshot of a Windows command prompt window. The title bar at the top reads "C:\Windows\System32\cmd.exe". The command prompt shows the following sequence of commands and output:

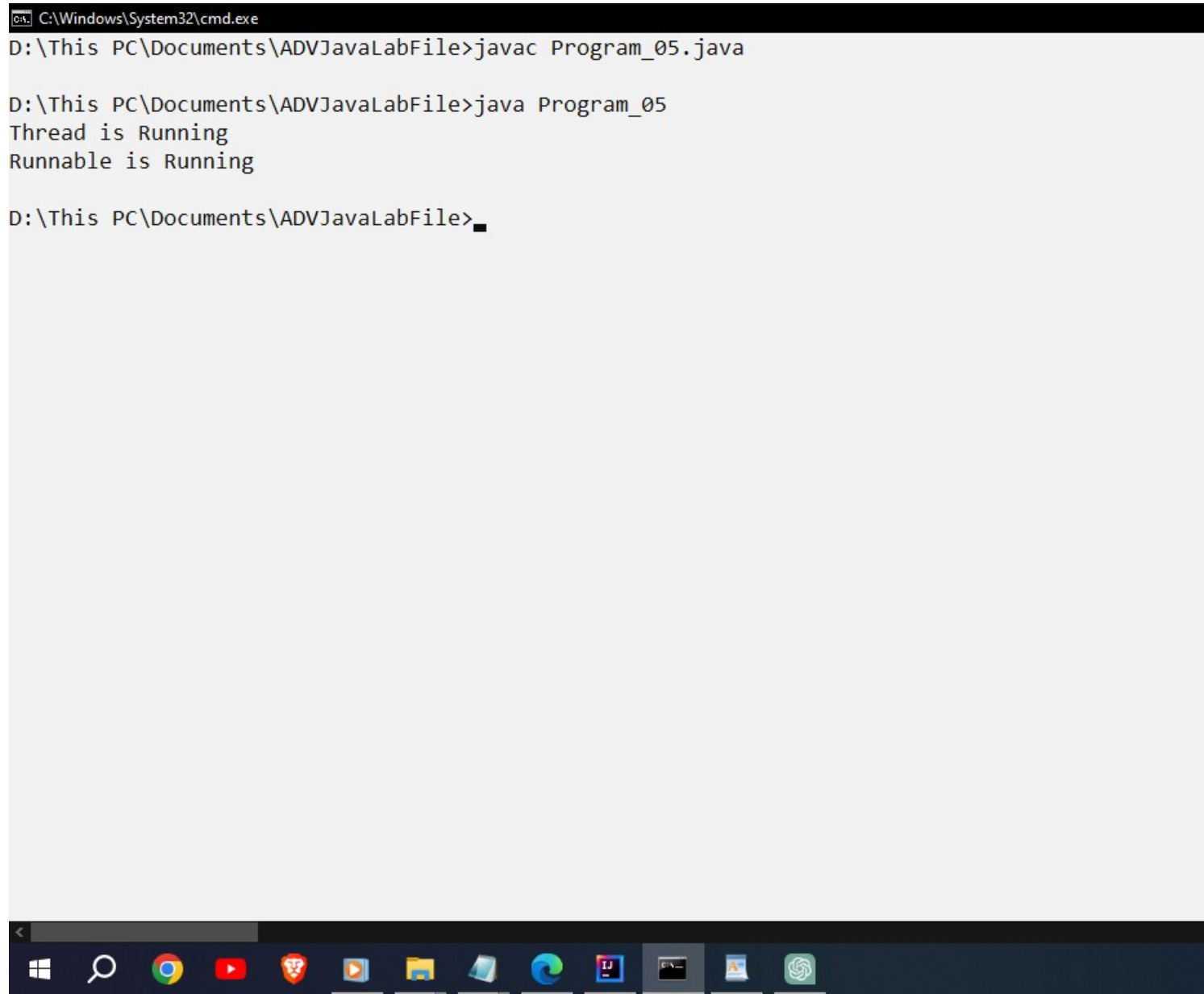
```
D:\This PC\Documents\ADVJavaLabFile>javac Program_04.java

D:\This PC\Documents\ADVJavaLabFile>java Program_04
Area of Rectangle: 20
Area of Triangle: 24.0
Area of Circle: 153.86

D:\This PC\Documents\ADVJavaLabFile>
```

The output displays the calculated areas for a rectangle, a triangle, and a circle. The taskbar at the bottom of the window shows various application icons, including the Start button, Search, Chrome, YouTube, a game icon, File Explorer, a folder icon, Edge, IntelliJ IDEA, and the command prompt itself.

Program 05 -



```
C:\Windows\System32\cmd.exe
D:\This PC\Documents\ADVJavaLabFile>javac Program_05.java

D:\This PC\Documents\ADVJavaLabFile>java Program_05
Thread is Running
Runnable is Running

D:\This PC\Documents\ADVJavaLabFile>
```

The screenshot shows a Windows command prompt window with the title bar "C:\Windows\System32\cmd.exe". The command prompt is open at the directory "D:\This PC\Documents\ADVJavaLabFile". The user has entered the command "javac Program_05.java" to compile the program. The next command is "java Program_05", which has been executed, resulting in the output "Thread is Running" and "Runnable is Running". The command prompt is now waiting for the next input, indicated by a cursor after the prompt "D:\This PC\Documents\ADVJavaLabFile>".

Program 06 -

```
C:\Windows\System32\cmd.exe
D:\This PC\Documents\ADVJavaLabFile\demo>javac Program_06.java

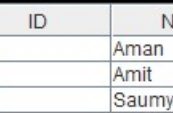
D:\This PC\Documents\ADVJavaLabFile\demo>cd..

D:\This PC\Documents\ADVJavaLabFile>java demo.Program_06
Namaste Coder

D:\This PC\Documents\ADVJavaLabFile>
```

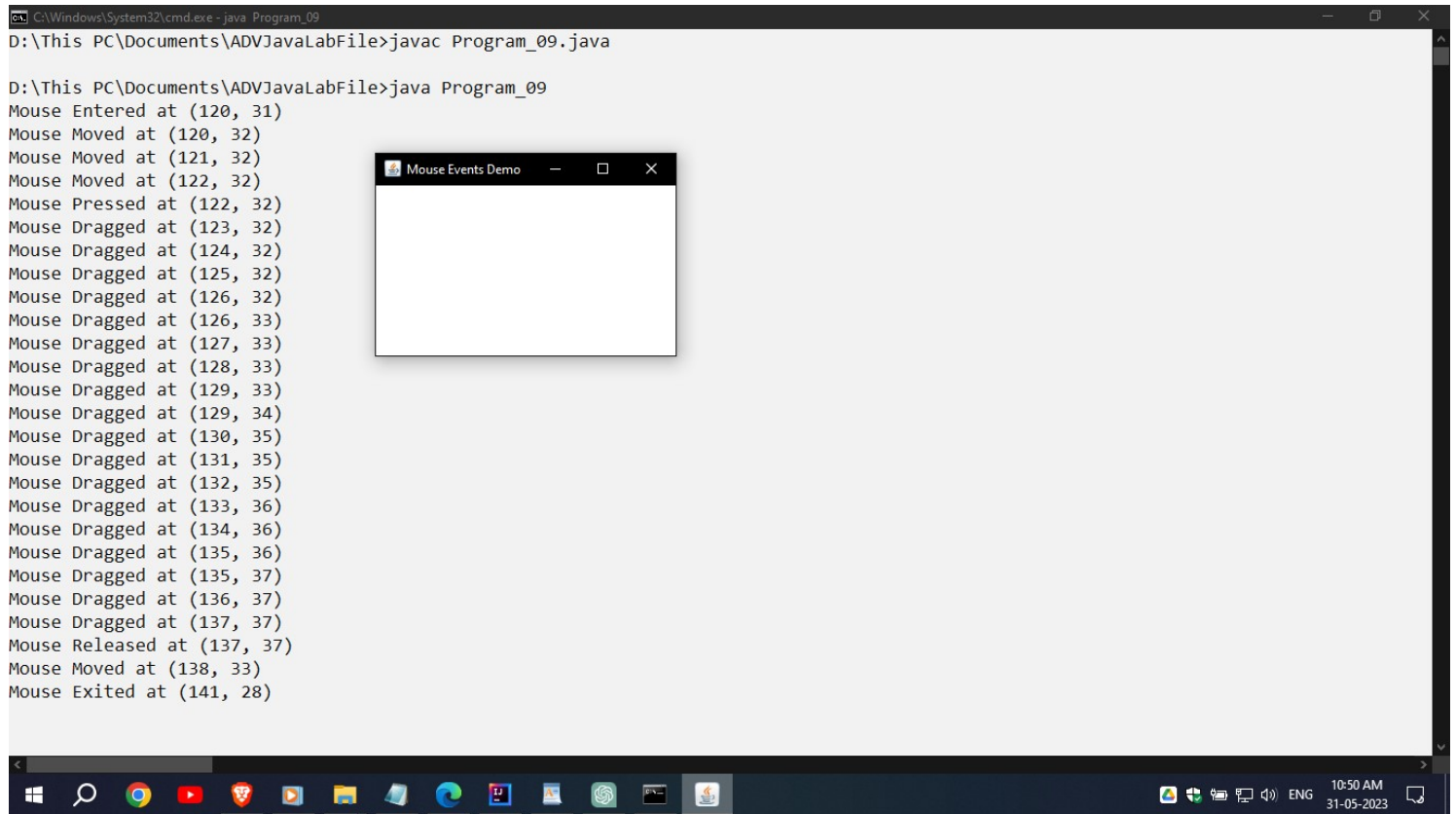
Program 07 -

```
C:\Windows\System32\cmd.exe - java Program_07
D:\This PC\Documents\ADVJavaLabFile>javac Program_07.java
D:\This PC\Documents\ADVJavaLabFile>java Program_07
```



ID	Name	Salary
101	Aman	11000
102	Amit	13000
103	Saumya	15000

Program 09 -



The screenshot shows a Windows desktop environment. A command prompt window is open, displaying the execution of a Java program. The command prompt title bar reads "C:\Windows\System32\cmd.exe - java Program_09". The command entered is "D:\This PC\Documents\ADVJavaLabFile>javac Program_09.java". The output shows the compilation of "Program_09.java" and then the execution of "java Program_09". The program outputs a series of mouse events: "Mouse Entered at (120, 31)", "Mouse Moved at (120, 32)", "Mouse Moved at (121, 32)", "Mouse Moved at (122, 32)", "Mouse Pressed at (122, 32)", followed by 17 "Mouse Dragged" events with coordinates ranging from (123, 32) to (137, 37), then "Mouse Released at (137, 37)", "Mouse Moved at (138, 33)", and finally "Mouse Exited at (141, 28)".

Overlaid on the command prompt is a small Java application window titled "Mouse Events Demo". The window is currently empty, showing only a white background.

The Windows taskbar at the bottom includes icons for the Start menu, Search, Chrome, YouTube, Firefox, and several other applications. The system tray on the right shows the date and time as "10:50 AM 31-05-2023" and the language as "ENG".