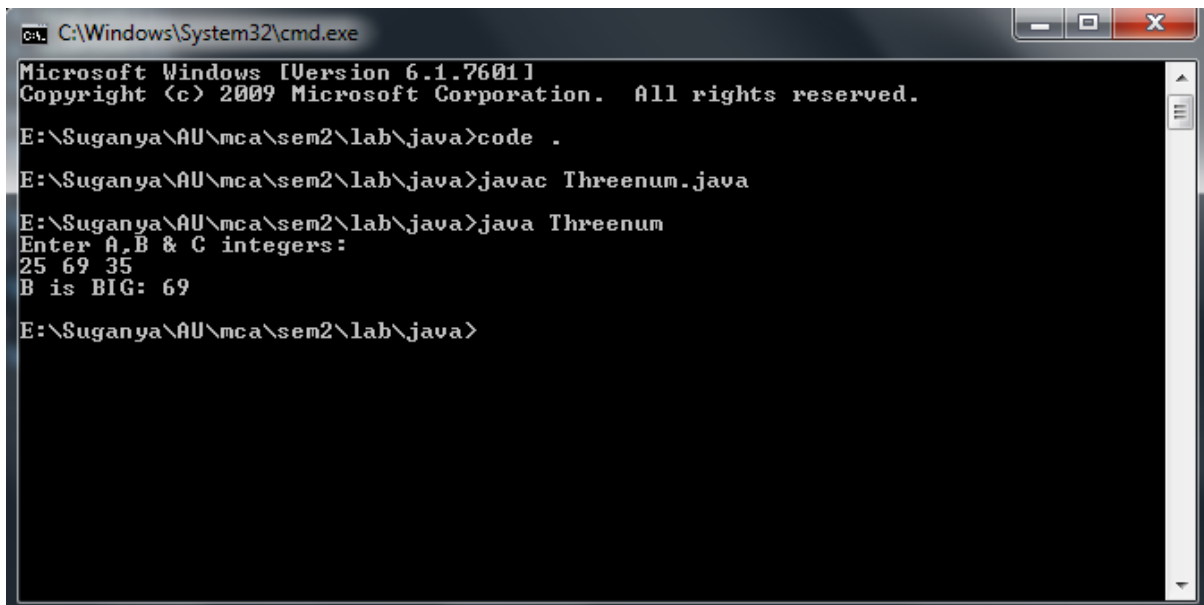


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Program Name	MCA
Year/Semester	2021-22 / Semester Two

GREATEST OF THE GIVEN NUMBER

PROGRAM 1



```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

E:\Suganya\AU\mca\sem2\lab\java>code .
E:\Suganya\AU\mca\sem2\lab\java>javac Threenum.java
E:\Suganya\AU\mca\sem2\lab\java>java Threenum
Enter A,B & C integers:
25 69 35
B is BIG: 69
E:\Suganya\AU\mca\sem2\lab\java>
```

PYRAMID FORMAT DESIGN

PROGRAM 2

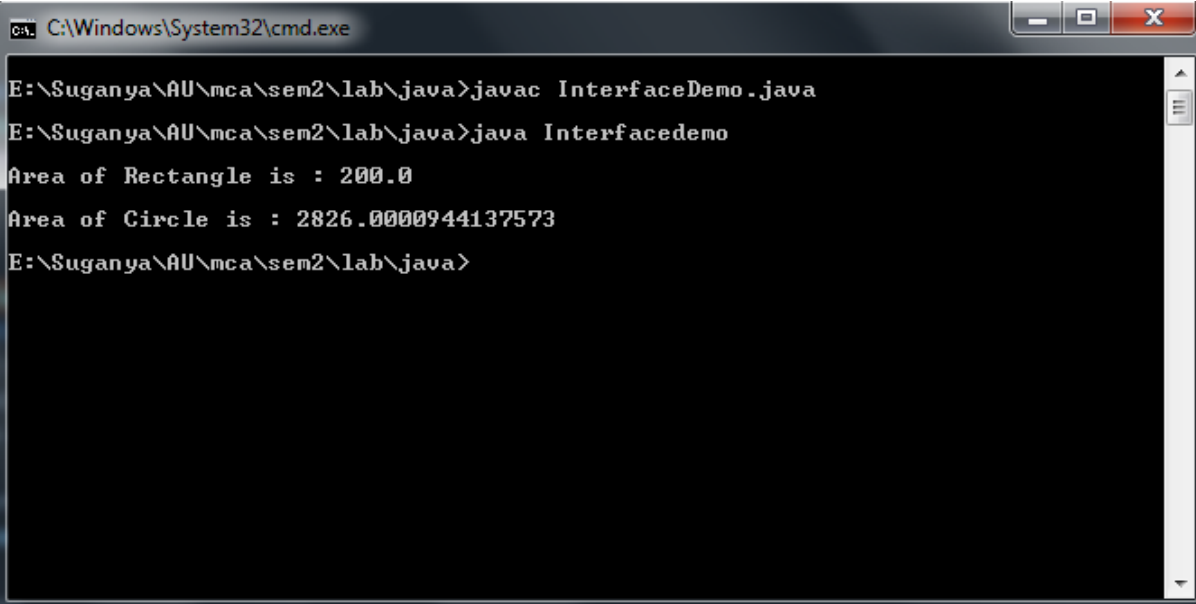
```
C:\Windows\System32\cmd.exe

E:\Suganya\AU\mca\sem2\lab\java>javac Pyramid.java
E:\Suganya\AU\mca\sem2\lab\java>java pyramid
      1
    2 1 2
  3 2 1 2 3
4 3 2 1 2 3 4
5 4 3 2 1 2 3 4 5
6 5 4 3 2 1 2 3 4 5 6
7 6 5 4 3 2 1 2 3 4 5 6 7
8 7 6 5 4 3 2 1 2 3 4 5 6 7 8
9 8 7 6 5 4 3 2 1 2 3 4 5 6 7 8 9

E:\Suganya\AU\mca\sem2\lab\java>
```

PROGRAM FOR INTERFACE

PROGRAM 3



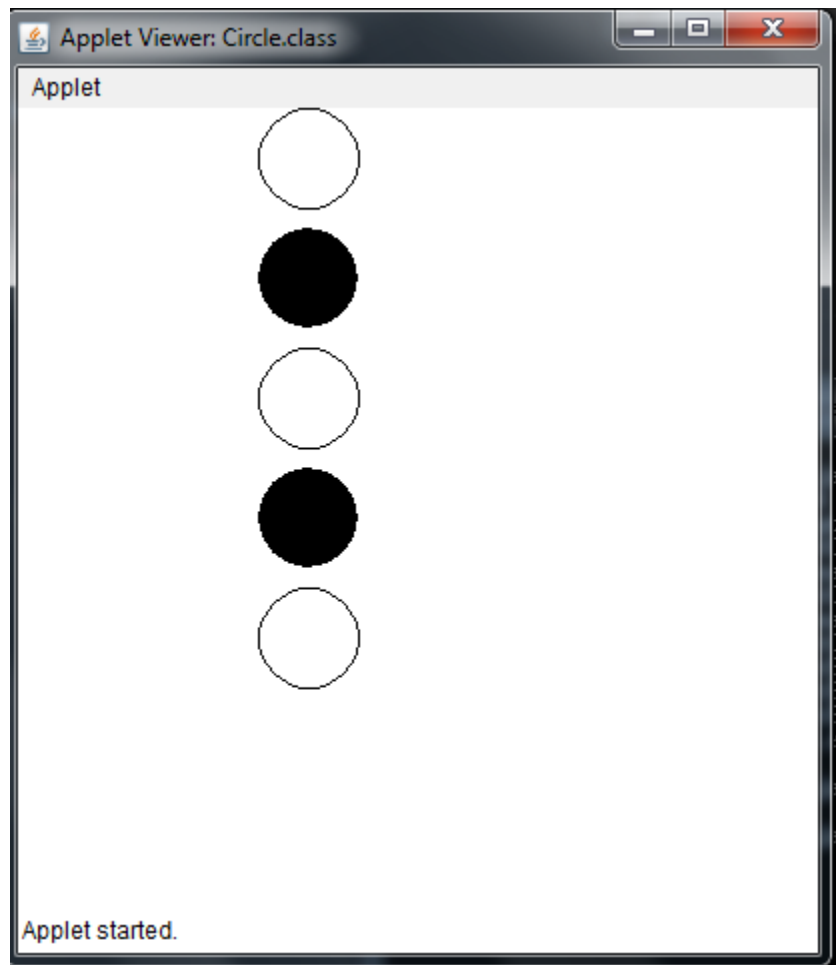
```
C:\Windows\System32\cmd.exe

E:\Suganya\AU\mca\sem2\lab\java>javac InterfaceDemo.java
E:\Suganya\AU\mca\sem2\lab\java>java Interfacedemo
Area of Rectangle is : 200.0
Area of Circle is : 2826.0000944137573
E:\Suganya\AU\mca\sem2\lab\java>
```

The image shows a Windows command prompt window with a black background and white text. The title bar at the top reads 'C:\Windows\System32\cmd.exe'. The command history shows the user compiling 'InterfaceDemo.java' and then running 'Interfacedemo'. The output displays the area of a rectangle as 200.0 and the area of a circle as 2826.0000944137573. The prompt is currently at 'E:\Suganya\AU\mca\sem2\lab\java>'.

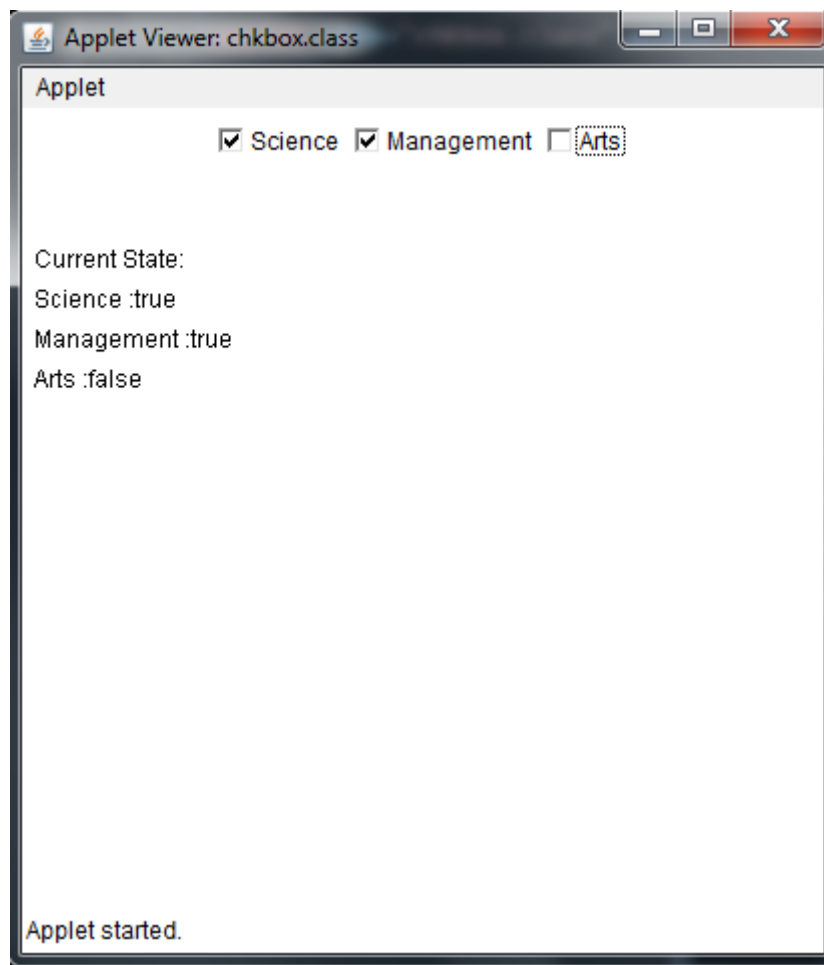
APPLET

PROGRAM 4



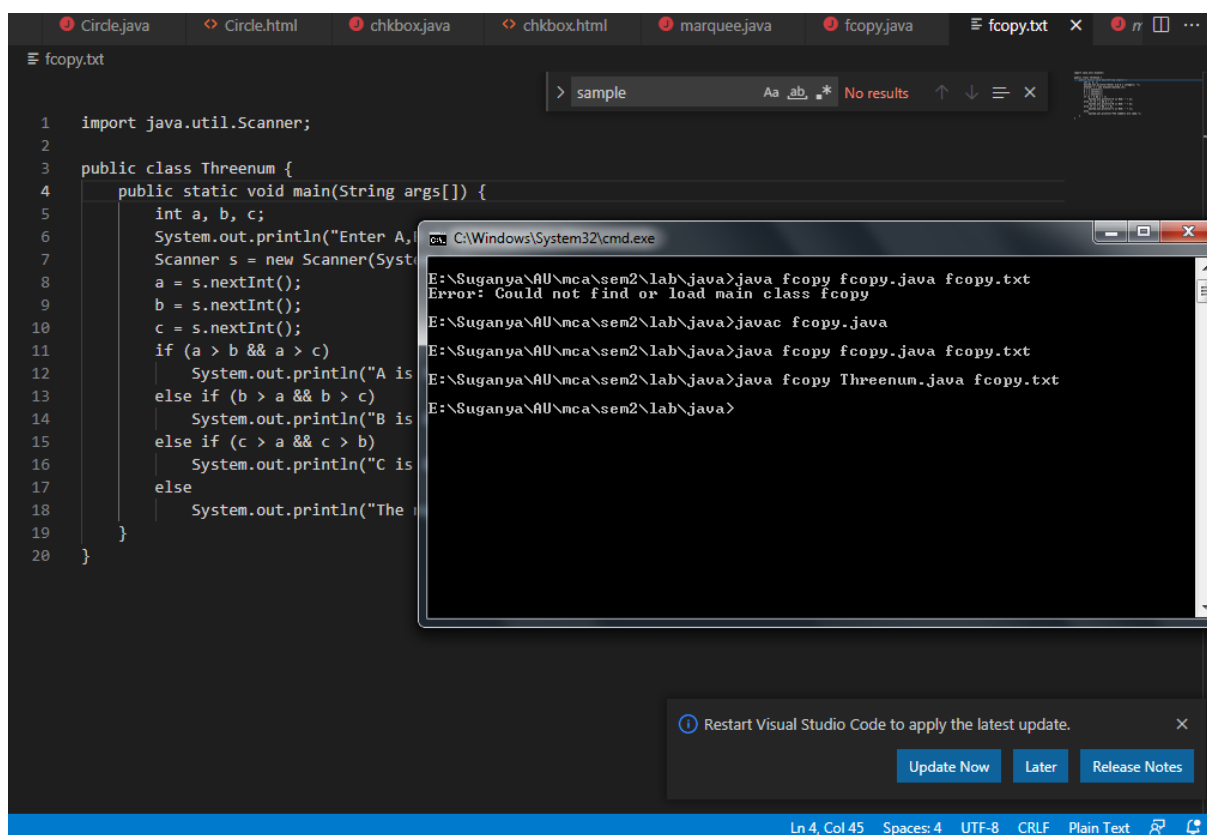
CHECKBOX CONTROL IN AWT

PROGRAM 5



CONTENT COPY FROM ONE FILE TO ANOTHER

PROGRAM 7



The screenshot shows the Visual Studio Code editor with a file named `fcopy.txt` open. The code is a Java program named `Threenum` that takes three integers as input and prints the largest one. A search bar at the top shows the word "sample" with no results. A command prompt window is open, showing the execution of the program. The command prompt shows the following commands and output:

```
C:\Windows\System32\cmd.exe
E:\Suganya\AU\mca\sem2\lab\java>java fcopy fcopy.java fcopy.txt
Error: Could not find or load main class fcopy
E:\Suganya\AU\mca\sem2\lab\java>javac fcopy.java
E:\Suganya\AU\mca\sem2\lab\java>java fcopy fcopy.java fcopy.txt
E:\Suganya\AU\mca\sem2\lab\java>java fcopy Threenum.java fcopy.txt
E:\Suganya\AU\mca\sem2\lab\java>
```

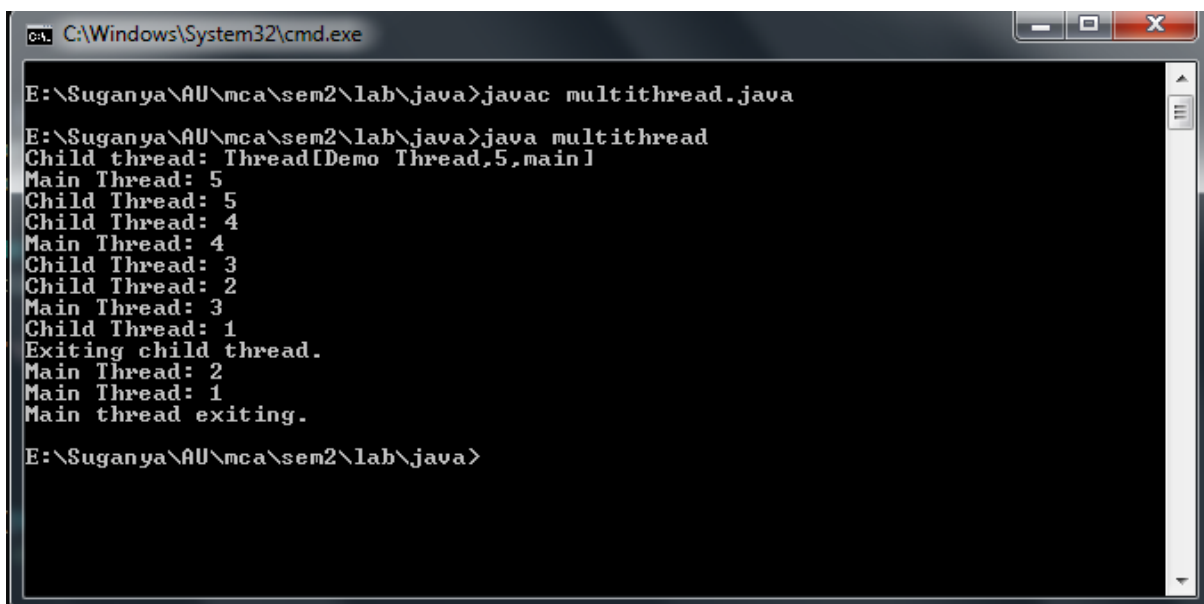
The Java code in `fcopy.txt` is as follows:

```
1 import java.util.Scanner;
2
3 public class Threenum {
4     public static void main(String args[]) {
5         int a, b, c;
6         System.out.println("Enter A, B and C:");
7         Scanner s = new Scanner(System.in);
8         a = s.nextInt();
9         b = s.nextInt();
10        c = s.nextInt();
11        if (a > b && a > c)
12            System.out.println("A is the largest number");
13        else if (b > a && b > c)
14            System.out.println("B is the largest number");
15        else if (c > a && c > b)
16            System.out.println("C is the largest number");
17        else
18            System.out.println("The numbers are equal");
19    }
20 }
```

A notification at the bottom of the editor says: "Restart Visual Studio Code to apply the latest update." with buttons for "Update Now", "Later", and "Release Notes". The status bar at the bottom shows: "Ln 4, Col 45 Spaces: 4 UTF-8 CRLF Plain Text".

PROGRAMS TO CREATE MULTIPLE THREADS

PROGRAM 8



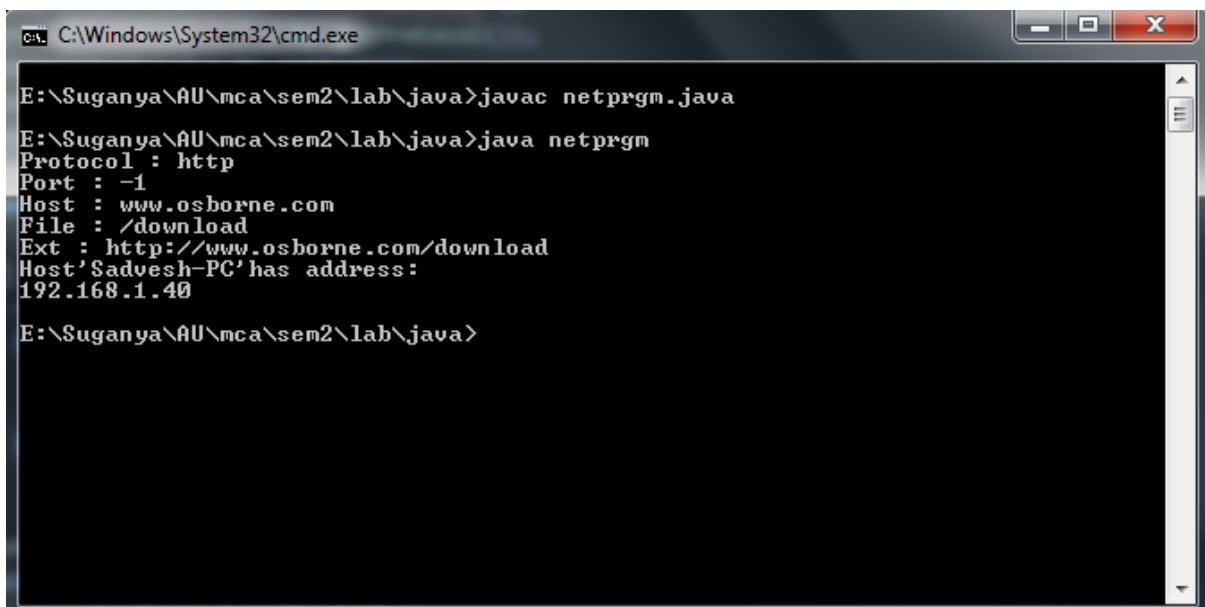
```
C:\Windows\System32\cmd.exe

E:\Suganya\AU\mca\sem2\lab\java>javac multithread.java
E:\Suganya\AU\mca\sem2\lab\java>java multithread
Child thread: Thread[Demo Thread,5,main]
Main Thread: 5
Child Thread: 5
Child Thread: 4
Main Thread: 4
Child Thread: 3
Child Thread: 2
Main Thread: 3
Child Thread: 1
Exiting child thread.
Main Thread: 2
Main Thread: 1
Main thread exiting.

E:\Suganya\AU\mca\sem2\lab\java>
```


PROGRAM TO DISPLAY URL AND IP DETAILS

PROGRAM 9



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

E:\Suganya\AU\mca\sem2\lab\java>javac netprgm.java
E:\Suganya\AU\mca\sem2\lab\java>java netprgm
Protocol : http
Port : -1
Host : www.osborne.com
File : /download
Ext : http://www.osborne.com/download
Host 'Sadvesh-PC' has address:
192.168.1.40

E:\Suganya\AU\mca\sem2\lab\java>
```

SWING PROGRAM USING TABBED PANEL

PROGRAM 10

