GLS UNIVERSITY

IMSCIT SEM IV

PRACTICALS ON CORE JAVA

UNIT -5

1.	Write a program that executes two threads. One thread displays Thread1" every 2,000 milliseconds, and the other displays "Thread2" every 4,000 milliseconds. Create the threads by extending the Thread class.
2.	Write a program that executes two threads. One thread will print the even numbers and the other thread will print odd numbers from 1 to 50.
3.	Write a program to create a thread that implement runnable interface
4.	Write a java program which create threads using the thread class.

5.	Write a program that does the following task
	    • Changes color of background and fore-ground.
	    • Changes color of font and face of the font.
	    • Draw a rectangle and fill color in it.

6.	Write a Java applet that draws a circle divided in 8 equal parts.
7.	Create an applet which inserts one images in the program.
8.	Write a java program to create two threads. One using runnable interface and other by extending thread. First thread will print all odd numbers and second will print all even numbers between 1 to 10.
9.	Write a program to create three threads. Assign priority to thread. Make a class to test them. Also use Sleep method to give pause between them.
10.	Write a java program to create 3 threads using Thread class. Three threads should calculate the sum of 1 to 5, 6 to 10 and 11 to 15 respectively. After all thread finishes main thread should print the sum and average.
11.	Develop an applet that draws a circle. The dimension of the applet should be 500 x 500 pixels. The circle should be centered in the applet. Display your name centered in a circle. (using drawOval() method)
12.	Write a program to draw below image using Applet -
13.	Write a program to draw below image using Applet -

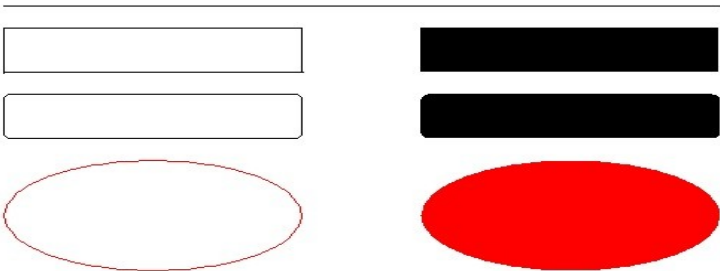|		
14.		Write a program to draw below image using Applet -
15.		Write a program to draw below image using Applet -
16.	Write a program to draw below image using Applet - Triangle Rectangle Pentagon	

17.	Write a program to draw below image using Applet - **Hexagon**
18.	Write a program to draw below image using Applet - **Heptagon**
19.	Write a program to draw below image using Applet - **Decagon**
20.	Write a program to draw below image using Applet -

21.	Write a program to draw below image using Applet -
22.	Write a program to draw below image using Applet -