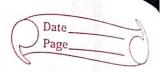
ROIL NO - 02



	Page
127	Name -: Rohit Vilas Bhadane
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A CONTRACTOR	
	SBL=00P-101/ (1)
AT 61	This is they state when the thorate
9 m	The transfer Experiment NO-13
	Aim -: Program on Applet to demonstrate
	Graphics, Front and Golog class.
	test to be lainted, in introduction
. (	Theory -: An applet is a java program that ours
	in a web boowser. An applet can fully
	functional Java application because it has the
<b>海河</b> 河州	entire Java API at disposal.
A Moral of	to many property and they bed to a property of
	There are some important clifference between
	an applet fund a standione Java application.
	including the following.
	· An applet is a Java class that extends that
	java applet applet class
	· A main () method is not invoked on an applet
t al	and an applet class will not define main ().
	. Applet are designed to embedded within in
	HTMI Page.
	· when a user views on HTMI page that contain
	on applet, the code for the applet is
	downloaded to the uses's machine.
	· 19 JVM is required to view an applet.
	The JVM can be either plug in of web-Browses
	The state of the s



(1)	Life Cycle of an Applet.
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
47	Four method in the Applet class give you the
	framework on which you build any serious
	opplet.
44 115	· init() - The method is intended for
	whatever initalization is needed for jour
	applet. It is called after the param
4 12	tage inside been processed.
	· start () - This method is automoutically
	Called the browser calls the init method.
	It is called whenever the users returns
	to the page contains the applet.
	other pages.
1,000	· stop() - This method is automatically
	Galled when the user moves off the page
	on which the applet sits. It can therfore,
	be Galled same applet.
	· dostroy () - This method only called when
	The shuts down on normally
	paint () - Invoked immediately after
	The Gard () method, and also man time
	applet needs to repaint in the browses.

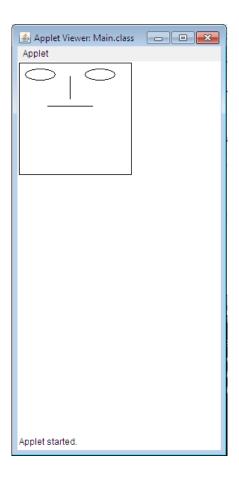
## **Sample Program:**

```
import java.applet.*;
import java.awt. *;

public class Main extends Applet
{
    public void paint (Graphics s)
{
    s.drawLine(70,20,70,50);
    s.drawLine(40,60,100,60);
    s.drawOval(10,10,40,15);
    s.drawOval(90,10,40,15);
    s.drawRect(2,2,150,150);
}
}
/* <applet code=Main.class WIDTH=800 HEIGHT=500>
</applet> */
```

## **Output:**

```
C:\Windows\system32\cmd.exe-appletviewer Main.java
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.
C:\Users\STUDENT>d:
D:\>cd D:\Java\jdk1.8.0_73\bin
D:\Java\jdk1.8.0_73\bin>javac Main.java
D:\Java\jdk1.8.0_73\bin>appletviewer Main.java
```



## House program-:

```
import java.awt.*;
import java.applet.Applet;
public class House extends Applet{

public void paint(Graphics gp)
{ int [] x = {150, 300, 225};
int [] y = {150, 150, 25};
gp.drawRect(150, 150, 150, 200); //House
gp.drawRect(200, 200, 50, 150); // Door
gp.drawOval(200, 75, 50, 50); // Skylight
gp.drawPolygon(x, y, 3); // Roof
}
```

```
}
/*
<applet code="House.class" width=400 height=450></applet>
*/
```

```
C:\Windows\system32\cmd.exe-appletviewer House.java

Microsoft Windows [Version 6.1.76011
Copyright \( \cdot \cdot \cdot 2009 \) Microsoft Corporation. All rights reserved.

C:\Users\STUDENT\d:

D:\\cdot D:\Java\jdk1.8.0_73\bin

D:\Java\jdk1.8.0_73\bin\javac House.java

D:\Java\jdk1.8.0_73\bin\javac House.java

D:\Java\jdk1.8.0_73\bin\javac House.java

D:\Java\jdk1.8.0_73\bin\javac House.java

D:\Java\jdk1.8.0_73\bin\javac House.java
```

