4.1) a) class = Superhero / object = Superman

b) class = Person / object = Justin

c) class = Pet / object = Rover

d) class = Magazine / object = Time

e) class = Holiday / object = Christmas

4.2) Components: wooden rectangle edges, glass front, glue

Operations: hanging on wall, holding picture

4.5) public class Music

{ public String title;

public Music()

{ title = “Gorillaz”;

}

public String lyrics()

{ String words = “windmill for the land”;

return words;

}

public class Band

{ public static void main(String[] args)

{ Music band = new Music();

System.out.println(“lyrics are: “ + Band.lyrics());

}

}

4.10) public class movie

{ public String title;

public String Director;

public movie(String Title,String Director)

{ title = Title;

director = Director;

}

public String string()

{ String nameOf = "title is " + title;

String print = nameOf + ". the director is " + director;

return print;

}

}

public class test

{

public static void main(String[] args)

{

movie clip = new movie(“Avatar”, “James Cameron”);

System.out.println(clip.string());

}

}

4.13) PushCounterPanel

-count: int

-push: JButton

-label: Jlabel

+PushCounterPanel()

+ButtonListener ()