CS 46B Lab Report

Darpan Goyal

I was the driver, Sidharth Khanna was the scribe.

Step 4

**public** Dot(String color,**int** X, **int** Y, **int** newRadius){

**boolean** flag=**false**;

**for**(String a:*LEGAL\_COLOR\_NAMES*)

{

**if**(a.equals(color))

{

colorName=color;

flag=**true**;

}

}

**if**(!flag)

{

**throw** **new** IllegalArgumentException("bad color name");

}

x=X;

y=Y;

radius=newRadius;

}

Step 5

Exception in thread "main" java.lang.IllegalArgumentException: bad color name

at dotlab.Dot.<init>(Dot.java:33)

at dotlab.Dot.main(Dot.java:59)

Step 6

dotlab.Dot@15db9742

Step 8

**public** String toString(){

**return** ("Color is: " + colorName + " coordinates: ("+ x + ","+ y + ")" + " radius: "+ radius);

}

Step 17

PURPLE,100,200,300

RED,200,300,200

BLACK,400,500,100

BLUE,100,200,300,500

RED,200,300,200

BLACK,400,500,100

Step 18

BLACK,100,200,100

BLACK,30,75,50

BLACK,170,75,50

