OBJECT ORIENTED PROGRAMMING LAB

**EXTERNAL EXAM**

**ARUN V DAS**

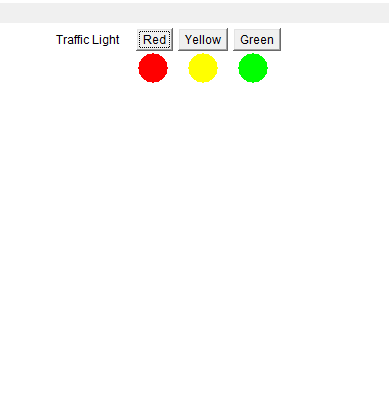
**MCA212**

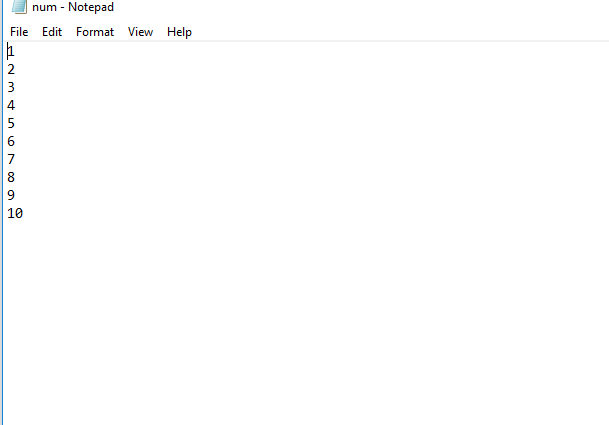
**1.**

**SOURCE CODE:**

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| **TRAFFIC\_LIGHT** | **package** myapplet;  **import** java.applet.Applet;  **import** java.awt.\*;  **import** java.awt.event.\*;  **import** java.io.\*;  **public** **class** traffic\_light **extends** Applet **implements** ItemListener {  Button r,y,g;  Label l;  **public** **void** init(){  l=**new** Label("Traffic Light");  l.setBounds(20,20,20,20);  r=**new** Button("Red");  r.setBounds(20,60,20,20);  y=**new** Button("Yellow");  y.setBounds(20,80,20,20);  g=**new** Button("Green");  g.setBounds(20,100,20,20);  add(l);  add(r);  add(y);  add(g);  r.addItemListener(**this**);  y.addItemListener(**this**);  g.addItemListener(**this**);  }  **public** **void** paint(Graphics gh){  gh.setColor(Color.***red***);  gh.fillOval(690,30,30,30);  gh.setColor(Color.***yellow***);  gh.fillOval(740,30,30,30);  gh.setColor(Color.***green***);  gh.fillOval(790,30,30,30);    }    }  @Override  **public** **void** itemStateChanged(ItemEvent arg0) {  **if**(arg0.getSource()==j1){  **try** {  File f1=**new** File(num.txt);  System.***out***.println("Even Numbers :");  f1=**new** FileReader("even.txt");  bf1=**new** BufferedReader(f1);  **try** {  **while**((str1=bf1.readLine())!=**null**){  System.***out***.println(str1);  }  } **catch** (IOException e) {  // **TODO** Auto-generated catch block  e.printStackTrace();  }  } **catch** (FileNotFoundException e) {  // **TODO** Auto-generated catch block  e.printStackTrace();  }  }  **else**  **if**(arg0.getSource()==j2){  **try** {  System.***out***.println("Odd Numbers :");  f2=**new** FileReader("odd.txt");  bf2=**new** BufferedReader(fr2);  **try** {  **while**((str2=bf2.readLine())!=**null**){  System.***out***.println(str2);  }  } **catch** (IOException e) {  // **TODO** Auto-generated catch block  e.printStackTrace();  }  } **catch** (FileNotFoundException e) {  // **TODO** Auto-generated catch block  e.printStackTrace();  } }  **else**  **if**(arg0.getSource()==j3){  **try** {  System.***out***.println("The all numbers:");  f3=**new**  FileReader("num.txt");  bf3=**new** BufferedReader(f3);  **try** {  **while**((str3=bf3.readLine())!=**null**){  System.***out***.println(str3);  }  } **catch** (IOException e) {  // **TODO** Auto-generated catch block  e.printStackTrace();  }  } **catch** (FileNotFoundException e) {  // **TODO** Auto-generated catch block  e.printStackTrace();  } }  } |

**OUTPUT:**

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