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| **APCS Exposure Java** | **Output Exercises 06** | **Date:** |
| **Name:** | | **Period:** |

**Determine the output for each program that follows.**

**Print the exact output in the blank cell next to the program.**

**If a program has no output, print *No Output*.**

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| import java.text.DecimalFormat;  public class Ex0601  {  public static void main (String args[])  {  DecimalFormat output = new DecimalFormat("0000");  int x = 987;  int y = 65;  int z = 4;  System.out.println(output.format(x));  System.out.println(output.format(y));  System.out.println(output.format(z));  }  } | |  |
| import java.text.DecimalFormat;  public class Ex0602  {  public static void main (String args[])  {  DecimalFormat output = new DecimalFormat("0000");  int a = 9;  int b = 8765;  int c = 432;  int d = 11;  int e = 271828;  System.out.println(output.format(a));  System.out.println(output.format(b));  System.out.println(output.format(c));  System.out.println(output.format(d));  System.out.println(output.format(e));  }  } | |  |
| import java.text.DecimalFormat;  public class Ex0603  {  public static void main (String args[])  {  DecimalFormat output = new DecimalFormat("0000");  int a = 35;  int b = a + 40;  int c = b \* 2;  int d = a + b + c;  int e = d / 5;  System.out.println(output.format(a));  System.out.println(output.format(b));  System.out.println(output.format(c));  System.out.println(output.format(d));  System.out.println(output.format(e));  }  } | |  |
| import java.text.DecimalFormat;  public class Ex0604  {  public static void main (String args[])  {  DecimalFormat output = new DecimalFormat("0,000");  int a = 250;  int b = a \* 20;  int c = b / 5;  int d = b – (a + c);  int e = d \* 2 + 1000;  System.out.println(output.format(a));  System.out.println(output.format(b));  System.out.println(output.format(c));  System.out.println(output.format(d));  System.out.println(output.format(e));  }  } | |  |
| import java.text.DecimalFormat;  public class Ex0605  {  public static void main (String args[])  {  DecimalFormat money = new DecimalFormat("$0.00");  double hoursWorked = 40;  double hourlyRate = 10;  double grossPay = hoursWorked \* hourlyRate;  double deductions = grossPay \* 0.25;  double netPay = grossPay - deductions;  System.out.println(money.format(grossPay));  System.out.println(money.format(deductions));  System.out.println(money.format(netPay));  }  } | |  |
| import java.text.DecimalFormat;  public class Ex0606  {  public static void main (String args[])  {  DecimalFormat money = new DecimalFormat("$0.00");  double hoursWorked = 50;  double hourlyRate = 25;  double grossPay = hoursWorked \* hourlyRate;  double deductions = grossPay \* 0.2;  double netPay = grossPay - deductions;  System.out.println(money.format(grossPay));  System.out.println(money.format(deductions));  System.out.println(money.format(netPay));  }  } | |  |
| import java.awt.\*;  import java.applet.\*;  public class Ex0607 extends Applet  {  public void paint(Graphics g)  {  Expo.setColor(g,Expo.red);  Polygon z = new Polygon();  z.addPoint(100,200);  z.addPoint(200,100);  z.addPoint(300,200);  z.addPoint(400,100);  z.addPoint(500,200);  z.addPoint(600,100);  z.addPoint(700,200);  z.addPoint(700,300);  z.addPoint(600,400);  z.addPoint(500,300);  z.addPoint(400,400);  z.addPoint(300,300);  z.addPoint(200,400);  z.addPoint(100,300);  g.drawPolygon(z);  }  } | *800 X 500 Grid.*  *Each box in the grid is 100 X 100.* | |
| import java.awt.\*;  import java.applet.\*;  public class Ex0608 extends Applet  {  public void paint(Graphics g)  {  Expo.setColor(g,Expo.red);  Polygon z = new Polygon();  z.addPoint(100,200);  z.addPoint(200,100);  z.addPoint(300,200);  z.addPoint(400,100);  z.addPoint(500,200);  z.addPoint(600,100);  z.addPoint(700,200);  z.addPoint(700,300);  z.addPoint(600,400);  z.addPoint(500,300);  z.addPoint(400,400);  z.addPoint(300,300);  z.addPoint(200,400);  z.addPoint(100,300);  g.fillPolygon(z);  }  } | *800 X 500 Grid.*  *Each box in the grid is 100 X 100.* | |
| import java.awt.\*;  import java.applet.\*;  public class Ex0609 extends Applet  {  public void paint(Graphics g)  {  Expo.setColor(g,Expo.red);  Polygon z = new Polygon();  z.addPoint(100,400);  z.addPoint(200,100);  z.addPoint(300,400);  z.addPoint(400,100);  z.addPoint(500,400);  z.addPoint(600,100);  z.addPoint(700,400);  z.addPoint(100,200);  z.addPoint(700,200);  z.addPoint(100,300);  z.addPoint(700,300);  g.drawPolygon(z);  }  } | *800 X 500 Grid.*  *Each box in the grid is 100 X 100.* | |
| import java.awt.\*;  import java.applet.\*;  public class Ex0610 extends Applet  {  public void paint(Graphics g)  {  g.setColor(Color.red);  Font font = new  Font("Arial",Font.BOLD,36);  g.setFont(font);  g.drawString("yet?",500,400);  g.drawString("we",300,200);  g.drawString("Are",200,100);  g.drawString("done",400,300);  }  } | *800 X 500 Grid.*  *Each box in the grid is 100 X 100.* | |