Unit Three Assignment Two:

Write a Java project (applet) with just one class. This
applet will act as an online income tax helper. In the
init() method, provide the user with Input Dialog boxes to
enter taxpayer's name, filing status ("M" for married, "S"
for single), whether taxpayer is blind ("Yes" or "No"),
whether taxpayer is over 65 years of age ("Yes" or "No"),
number of exemptions, income for the year, and income tax
withheld. If the taxpayer is married, additional Input
Dialog boxes should be generated to enter whether the
spouse is blind ("Yes" or "No") and whether the spouse is
over 65 ("Yes" or "No").

Next, the init() method should determine the total number
of deductions. This number equals the number of exemptions
plus the number of blind and over 65 questions that were
answered "Yes". For each deduction, $1000 should be
subtracted from the income for the year.

Next, the init() method should use the chart below to
determine the user's tax bill.

Single			
If the taxable income is over	But not over	The tax is	Of the amount over
$0	$21,450	15%	$0
$21,450	$51,900	$3,217.50 + 28%	$21,450
$51,900		$11,743.50 + 31%	$51,900

Married			
If the taxable income is over	But not over	The tax is	Of the amount over
$0	$35,800	15%	$0
$35,800	$86,500	$5,370.00 + 28%	$35,800
$86,500		$19,566.00 + 31%	$86,500

Next, the init() method should compare the tax bill to the amount of
tax withheld and determine whether the user owes more or has a refund
due and the amount.

Lastly, the init() method should set the background color of your applet.

In the paint(Graphics g) method, you should first set the foreground color and your font, then draw the results of the inquiry on the applet.

Your project must be executed twice, with the following test data.

```
Execution #1:   Name:            Susan Fowler
                Status:          Single
                Blind:           No
                Over 65:         No
                Exemptions:      1
                Income:          $48,575
                Tax Withheld:    $9,450

Execution #2:   Name:            Bernard Kaminski
                Status:          Married
                Blind:           No
                Over 65:         Yes
                Spouse Blind:    Yes
                Spouse over 65:  No
                Exemptions:      4
                Income:          $94,320
                Tax Withheld:    $20,388
```

I have shown all GUI's for the first set of data, but only the last one must you paste into a Word document and submit.

Input

Enter Filing Status - Single(S) or Married(M):

`S`

OK   Cancel

Java Applet Window

Input

Are you blind? Yes or No:

`No`

OK   Cancel

Java Applet Window

Input

Are you over 65? Yes or No:

`No`

OK   Cancel

Java Applet Window

Input

Enter total number of exemptions:

`1`

OK   Cancel

Java Applet Window

Input

Enter wages, salaries, & tips:

`48575`

OK   Cancel

Java Applet Window

Input

Enter Income Tax Withheld:

9450

OK   Cancel

Java Applet Window

Applet Viewer: U3A2.class

Applet

Susan Fowler, below you will find
the results of your Tax Inquiry.

      Owe = $1082.50

Applet started.