

```

when Screen1.Initialize
do
  set today.Text to join today.Month
  " / "
  today.Day

  set today.Enabled to false
  set completedTasks.Visible to false
  set CheckBox1.Enabled to true
  set taskrow1.Visible to true
  set taskrow2.Visible to false
  set taskrow3.Visible to false
  set taskrow4.Visible to false
  set taskrow5.Visible to false
  set taskrow6.Visible to false

```

```

initialize global warning to ""
initialize global lateTasks to 0

to compare_dates dateDay dateMonth dateYear
do
  if get dateYear == today.Year
  then
    if get dateDay == today.Day and get dateMonth == today.Month
    then set global warning to "due today"
    else if get dateDay < today.Day and get dateMonth == today.Month or get dateMonth < today.Month
    then
      set global warning to "late"
      set global lateTasks to get global lateTasks + 1
    else if get dateDay == today.Day + 1 and get dateMonth == today.Month
    then set global warning to "due tomorrow"
    else set global warning to ""
  else if get dateYear < today.Year
  then
    set global warning to "late"
    set global lateTasks to get global lateTasks + 1
  else if get dateYear > today.Year
  then set global warning to ""

  while test get global lateTasks ≥ 1
  do
    if get global lateTasks == 1
    then set lateTasksWarning.Text to "You have 1 late assignment"
    else
      set lateTasksWarning.Text to join "You have "
      get global lateTasks
      " late assignments "
    break

```



```

to resetWarnings warning
do
  if
    get warning = "late"
  then
    set global lateTasks to get global lateTasks - 1
    if
      get global lateTasks = 1
    then
      set lateTasksWarning . Text to "You have 1 late assignment"
    else if
      get global lateTasks > 1
    then
      set lateTasksWarning . Text to join "You have "
      get global lateTasks
      "late assignments"
    else
      set lateTasksWarning . Text to ""
  end
end

```

```

initialize global completed to create empty list

```

```

when CheckBox1 .Changed
do
  if
    is empty task1 . Text = true
  then
    set CheckBox1 . Checked to false
  else
    add items to list list get global completed
    item task1 . Text
    set taskrow1 . Visible to false
    set task1 . Text to ""
    set DatePicker1 . Text to ""
    set CheckBox1 . Checked to false
    call resetWarnings
    warning warning1 . Text
    set warning1 . Text to ""
  end
end

```

```

when CheckBox2 .Changed
do
  if
    is empty task2 . Text = true
  then
    set CheckBox2 . Checked to false
  else
    add items to list list get global completed
    item task2 . Text
    set taskrow2 . Visible to false
    set task2 . Text to ""
    set DatePicker2 . Text to ""
    set CheckBox2 . Checked to false
    call resetWarnings
    warning warning2 . Text
    set warning2 . Text to ""
  end
end

```

```

when CheckBox3 .Changed
do
  if [is empty] task3 . Text == true
  then
    set CheckBox3 . Checked to false
  else
    add items to list list [get global completed]
    item task3 . Text
    set taskrow3 . Visible to false
    set task3 . Text to " "
    set DatePicker3 . Text to " "
    set CheckBox3 . Checked to false
    call resetWarnings
    warning warning3 . Text
    set warning3 . Text to " "
  
```

```

when CheckBox4 .Changed
do
  if [is empty] task4 . Text == true
  then
    set CheckBox4 . Checked to false
  else
    add items to list list [get global completed]
    item task4 . Text
    set taskrow4 . Visible to false
    set task4 . Text to " "
    set DatePicker4 . Text to " "
    set CheckBox4 . Checked to false
    call resetWarnings
    warning warning4 . Text
    set warning4 . Text to " "
  
```

```

when CheckBox5 .Changed
do
  if [is empty] task5 . Text == true
  then
    set CheckBox5 . Checked to false
  else
    add items to list list [get global completed]
    item task5 . Text
    set taskrow5 . Visible to false
    set task5 . Text to " "
    set DatePicker5 . Text to " "
    set CheckBox5 . Checked to false
    call resetWarnings
    warning warning5 . Text
    set warning5 . Text to " "
  
```

```

when CheckBox6 .Changed
do
  if [is empty] task6 . Text == true
  then
    set CheckBox6 . Checked to false
  else
    add items to list list [get global completed]
    item task6 . Text
    set taskrow6 . Visible to false
    set task6 . Text to " "
    set DatePicker6 . Text to " "
    set CheckBox6 . Checked to false
    call resetWarnings
    warning warning6 . Text
    set warning6 . Text to " "
  
```

```

when DatePicker1 .AfterDateSet
do
  set DatePicker1 . Text to [join]
  DatePicker1 . Month
  " / "
  DatePicker1 . Day
  call compare_dates
  dateDay DatePicker1 . Day
  dateMonth DatePicker1 . Month
  dateYear DatePicker1 . Year
  set warning1 . Text to [get global warning]

```

```

when DatePicker2 .AfterDateSet
do
  set DatePicker2 . Text to [join]
  DatePicker2 . Month
  " / "
  DatePicker2 . Day
  call compare_dates
  dateDay DatePicker2 . Day
  dateMonth DatePicker2 . Month
  dateYear DatePicker2 . Year
  set warning2 . Text to [get global warning]

```



```

when DatePicker3 .AfterDateSet
do
  set DatePicker3 . Text to join DatePicker3 . Month
  " / "
  DatePicker3 . Day

  call compare_dates
    dateDay DatePicker3 . Day
    dateMonth DatePicker3 . Month
    dateYear DatePicker3 . Year

  set warning3 . Text to get global warning

```

```

when DatePicker4 .AfterDateSet
do
  set DatePicker4 . Text to join DatePicker4 . Month
  " / "
  DatePicker4 . Day

  call compare_dates
    dateDay DatePicker4 . Day
    dateMonth DatePicker4 . Month
    dateYear DatePicker4 . Year

  set warning4 . Text to get global warning

```

```

when DatePicker5 .AfterDateSet
do
  set DatePicker5 . Text to join DatePicker5 . Month
  " / "
  DatePicker5 . Day

  call compare_dates
    dateDay DatePicker5 . Day
    dateMonth DatePicker5 . Month
    dateYear DatePicker5 . Year

  set warning5 . Text to get global warning

```

```

when DatePicker6 .AfterDateSet
do
  set DatePicker6 . Text to join DatePicker6 . Month
  " / "
  DatePicker6 . Day

  call compare_dates
    dateDay DatePicker6 . Day
    dateMonth DatePicker6 . Month
    dateYear DatePicker6 . Year

  set warning6 . Text to get global warning

```

```

when task1 .LostFocus
do
  if CheckBox1 . Checked = true
  then
    set taskrow1 . Visible to false
    set task1 . Text to " "
    set DatePicker1 . Text to " "
    set warning1 . Text to " "
    set CheckBox1 . Checked to false

```

```

when task2 .LostFocus
do
  if CheckBox2 . Checked = true
  then
    set taskrow2 . Visible to false
    set task2 . Text to " "
    set DatePicker2 . Text to " "
    set warning2 . Text to " "
    set CheckBox2 . Checked to false

```

```

when task3 .LostFocus
do
  if CheckBox3 . Checked = true
  then
    set taskrow3 . Visible to false
    set task3 . Text to " "
    set DatePicker3 . Text to " "
    set warning3 . Text to " "
    set CheckBox3 . Checked to false

```

```

when task4 .LostFocus
do
  if CheckBox4 . Checked = true
  then
    set taskrow4 . Visible to false
    set task4 . Text to " "
    set DatePicker4 . Text to " "
    set warning4 . Text to " "
    set CheckBox4 . Checked to false

```

```

when task5 .LostFocus
do
  if
    CheckBox5 . Checked = true
  then
    set taskrow5 . Visible to false
    set task5 . Text to " "
    set DatePicker5 . Text to " "
    set warning5 . Text to " "
    set CheckBox5 . Checked to false
  
```

```

when task6 .LostFocus
do
  if
    CheckBox6 . Checked = true
  then
    set taskrow6 . Visible to false
    set task6 . Text to " "
    set DatePicker6 . Text to " "
    set warning6 . Text to " "
    set CheckBox6 . Checked to false
  
```

```

when showCompletedButton .Click
do
  if
    completedTasks . Visible = false
  then
    set showCompletedButton . Text to " Hide completed assignments "
    set completedTasks . Visible to true
    set completedTasks . Text to join items using separator " , "
    list get global completed
  else if
    completedTasks . Visible = true
  then
    set showCompletedButton . Text to " Show completed assignments "
    set completedTasks . Visible to false
  
```

```

when addRowButton .Click
do
  if
    taskrow1 . Visible = false
  then
    set taskrow1 . Visible to true
  else if
    taskrow2 . Visible = false
  then
    set taskrow2 . Visible to true
  else if
    taskrow3 . Visible = false
  then
    set taskrow3 . Visible to true
  else if
    taskrow4 . Visible = false
  then
    set taskrow4 . Visible to true
  else if
    taskrow5 . Visible = false
  then
    set taskrow5 . Visible to true
  else if
    taskrow6 . Visible = false
  then
    set taskrow6 . Visible to true
  
```