

Component C. Personalized Project Reference.

Procedure:

i.

```

230 def changeStages(stage):
231     app.cycleStage = stage
232     if(app.cycleStage == 1):
233         interphase.visible = True
234         prophase.visible = False
235     if(app.cycleStage == 2):
236         prophase.visible = True
237         interphase.visible = False
238     if(app.cycleStage == 3):
239         prophase.visible = False
240         metaphase.visible = True
241     if(app.cycleStage == 4):
242         metaphase.visible = False
243         anaphase.visible = True
244     if(app.cycleStage == 5):
245         anaphase.visible = False
246         telophase.visible = True
247     if(app.cycleStage == 6):
248         telophase.visible = False
249         cytokinesis.visible = True
250     if(app.cycleStage == 7):
251         cytokinesis.visible = False
252         triviaIntro.visible = True
253     if(app.cycleStage == 8):
254         triviaIntro.visible = False
255         for index in range(len(app.triviaAnswers)):
256             if(index % 6 == 0):
257                 stages.children[0].value = app.triviaAnswers[0]
258             if(index % 6 == 1):
259                 stages.children[1].value = app.triviaAnswers[1]
260             if(index % 6 == 2):
261                 stages.children[2].value = app.triviaAnswers[2]
262             if(index % 6 == 3):
263                 stages.children[3].value = app.triviaAnswers[3]
264             if(index % 6 == 4):
265                 stages.children[4].value = app.triviaAnswers[4]
266             if(index % 6 == 5):
267                 stages.children[5].value = app.triviaAnswers[5]
268         trivia.visible = True
269         next.visible = False
270

```

ii.

```

273 def onMousePress(mouseX, mouseY):
274     if(start.children[0].hits(mouseX, mouseY)):
275         app.cycleStage += 1
276         changeStages(app.cycleStage)
277         intro.visible = False
278         start.visible = False
279         next.visible = True
280     if(next.children[0].hits(mouseX, mouseY)):
281         app.cycleStage += 1
282         changeStages(app.cycleStage)
283     if(trivia.visible == True):

```

List:**i.**

```
2 app.triviaAnswers = ["interphase", "prophase", "metaphase", "anaphase", "telophase", "cytokinesis"]
```

ii.

```
3 if(app.cycleStage == 8):
4     triviaIntro.visible = False
5     for index in range(len(app.triviaAnswers)):
6         if(index % 6 == 0):
7             stages.children[0].value = app.triviaAnswers[0]
8         if(index % 6 == 1):
9             stages.children[1].value = app.triviaAnswers[1]
0         if(index % 6 == 2):
1             stages.children[2].value = app.triviaAnswers[2]
2         if(index % 6 == 3):
3             stages.children[3].value = app.triviaAnswers[3]
4         if(index % 6 == 4):
5             stages.children[4].value = app.triviaAnswers[4]
6         if(index % 6 == 5):
7             stages.children[5].value = app.triviaAnswers[5]
8     trivia.visible = True
9     next.visible = False
~
```