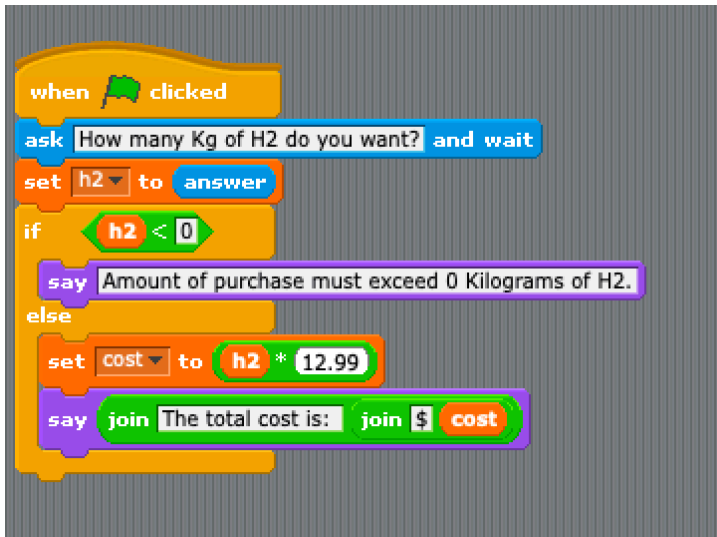


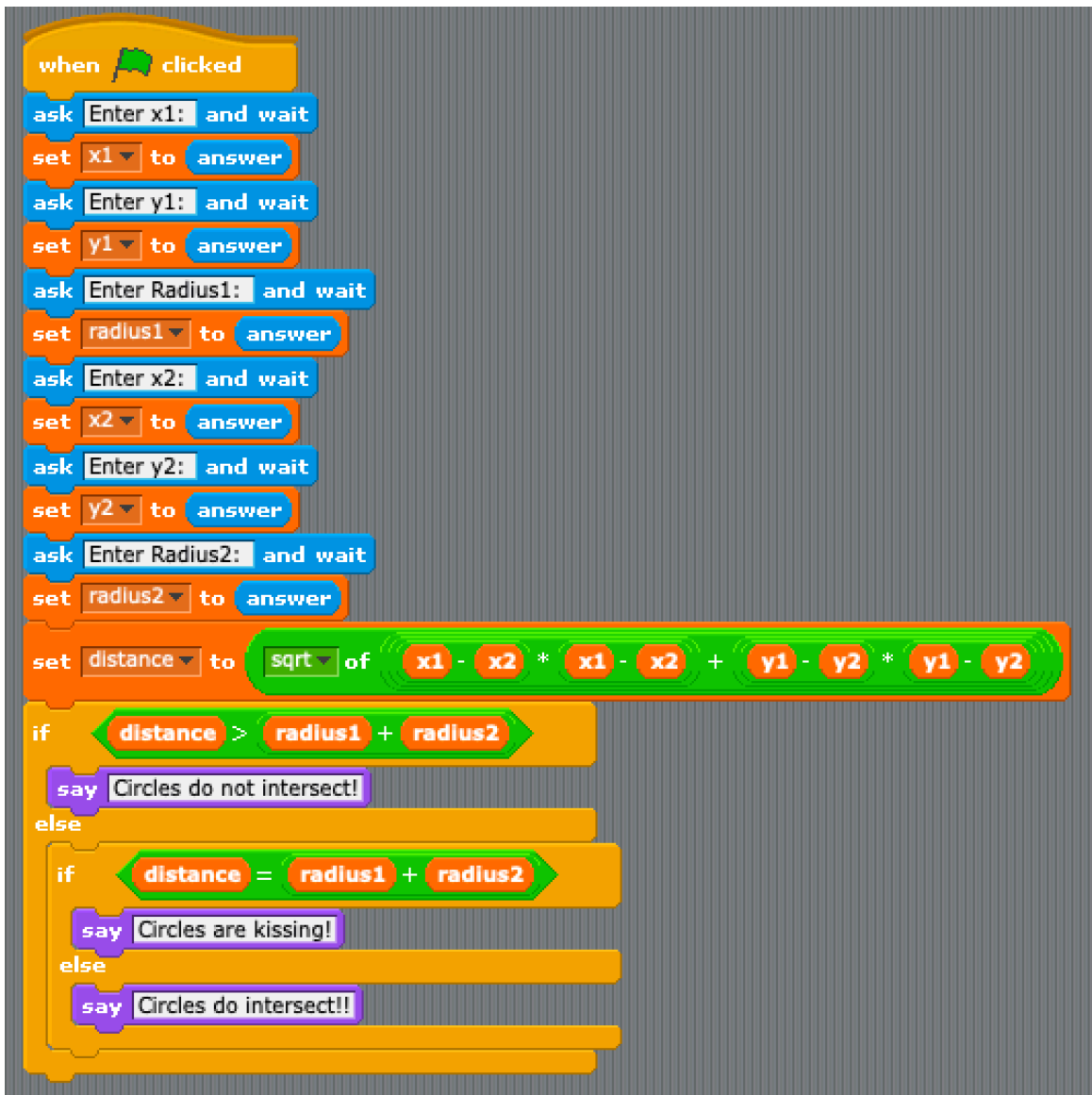
CSC 115 Assignment #3 Partial Solutions

Solution to Question #1:



```
when green flag clicked
ask How many Kg of H2 do you want? and wait
set h2 to answer
if h2 < 0
say Amount of purchase must exceed 0 Kilograms of H2.
else
set cost to h2 * 12.99
say join The total cost is: join $ cost
```

Solution to Question #2:



```
when green flag clicked
ask Enter x1: and wait
set x1 to answer
ask Enter y1: and wait
set y1 to answer
ask Enter Radius1: and wait
set radius1 to answer
ask Enter x2: and wait
set x2 to answer
ask Enter y2: and wait
set y2 to answer
ask Enter Radius2: and wait
set radius2 to answer
set distance to sqrt of (x1 - x2 * x1 - x2 + y1 - y2 * y1 - y2)
if distance > radius1 + radius2
say Circles do not intersect!
else
if distance = radius1 + radius2
say Circles are kissing!
else
say Circles do intersect!!
```