## Write algorithm for Lab3 here.

Algorithm

1. Ask user for hill type
2. Ask user for speed
3. If the hill is normal,
   1. height equals 46
   2. Points per meter equals 2
   3. Par equals 90
4. If the hill is large,
   1. height equals 70
   2. points per meter equal 1.8
   3. par equals 120
5. a. calculate time in air using the formula: sqrt((2\*height)/9.8)

b. calculate distance traveled using the formula: jumper’s speed \* time in the air

1. output points
2. if points greater than or equal to 61
   1. output great job for doing better than par!
3. else/if points are less than 10
   1. Output what happened??
4. Otherwise
   1. Output sorry you didn’t go very far