



To ease comprehension, above is a graphical depiction of the problem.

'B' indicates the location of a Base Station, as given in base_stations.txt.

The three types of shading, heavy, none and light indicate strong, medium and weak coverage respectively.

The red diamonds indicate the route taken in Part 3 (route.txt).

Please note that I will test your program on a different input set, so your program must work for any number of base stations, at any locations, and for any route. However, I will only test using a 21x21 grid as above.