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from pyspark import SparkContext

def main():
    sc = SparkContext(appName='VisibilityRangeByStation')

    input_rdd = sc.textFile("/home/57student57/inputSpark_11/PROJECTDATA")

    filtered_rdd = input_rdd.filter(lambda line: line[78:84] != "999999" and
line[84:85] in "01459")

    station_visibility_rdd = filtered_rdd.map(lambda line: (line[4:10],
int(line[78:84])))

    station_range_rdd = station_visibility_rdd.groupByKey().mapValues(
        lambda visibilities: max(visibilities) - min(visibilities) if visibilities
else 0
    )

    formatted_output_rdd = station_range_rdd.map(lambda x: ("u'{}'".format(x[0]),
x[1]))

    formatted_output_rdd.saveAsTextFile('/home/57student57/outputSpark_11')

    sc.stop()

if __name__ == '__main__':
    main()

```