Module 1 Case Exercise

1. List the owner number, last name, and first name of every property owner.

* There are 11 owners, MO100 (Elle-May Moore), PA101 (Makesh Patel), AK102 (Ceyda Aksoy), CO103 (Meerab Cole), KO104 (Jakub Kowalczyk), SI105 (Haydon Sims), BU106 (Ernest Burke), RE107 (Seth Redman), LO108 (Janine Lopez), BI109 (Nicole Bianchi), and JO110 (Ammarah Jones).

1. List the last name and first name of every owner located in Seattle.

* There are 4 owners in Seattle, Makesh Patel, Ceyda Aksoy, Seth Redman, and Ammarah Jones.

1. List the property ID for each condo that is smaller than 1,600 square feet.

* There are 6 properties under 1600 square feet, and their IDs are 3, 5, 9, 10, 11, and 12.

1. List the last name, first name, and city of every owner who owns more than one property in the database.

* There is 1 owner who owns more than one property in the database, Jakub Kowalczyk in Bellingham.

1. List the last name, first name, and city of every owner with a property that has a monthly rent of less than $1,400 per month.

* There are 4 owners that have a rent of less than 1400 per month, Nicole Bianchi in New York, Haydon Sims in Portland, Makesh Patel in Seattle, and Ammarah Jones in Seattle.

1. List all the residents staying at 782 Queen Ln.

* There are 4 residents staying at 782 Queen Ln, Callen Beck, Milosz Polansky, Ashanti Lucas, and Randy Woodrue.

1. How many properties have two floors?

* 5 properties have 2 floors.

1. How many owners live outside of Washington state (WA)?

* 4 owners live outside of Washington.

1. List the owner’s last and first names and property IDs for each property that has a scheduled or open service request.

* There are 7 owners who have a scheduled or open service request, Ernest Burke (ID: 1), Ceyda Aksoy (ID: 2), Jakub Kowalczyk (ID: 4 and 8), Elle-May Moore (ID: 6), Makesh Patel (ID: 9), Ammarah Jones (ID: 11), and Seth Redman (ID: 12).

1. List the property ID and square footage for each property that has a maintenance service request.

* There are 8 properties that have a maintenance service request, property 1 (1,600sqr/ft), property 2 (2,100sqr/ft), property 4 (1,750sqr/ft), property 6 (2,125sqr/ft), property 8 (2,700sqr/ft), property 9 (700sqr/ft), property 11 (1,075sqr/ft), property 12 (1,400sqr/ft).

1. List the property ID and office number for all service requests for which the estimated number of hours is greater than 5.

* There are 2 properties with service requests for which the estimated number of hours is greater than 5, property 8 with office number 2, and property 9 with office number 2.

1. What is the average rent for all three-bedroom properties?

* The average rent for all three-bedroom properties is $1610 per month. ((1400+1650+1700+1600+1700)/5)