**Note**

DateTime? listedDate = null;

DateTime? listedEndDate = null;

DateTime? repaymentDate = null;

decimal repaymentAmt = 0;

string noteStatus = null;

string appID = null;

string query4 = "select \* from Note where noteAddress = @noteAddress";

SqlCommand cmd4 = new SqlCommand(query4, con);

cmd4.Parameters.AddWithValue("@noteAddress", noteAddress);

using (SqlDataReader reader = cmd4.ExecuteReader())

{

if (reader.Read())

{

// Assuming the data types are string for dates, decimal for amounts and interest rates

listedDate = reader["listedDate"] != DBNull.Value ? (DateTime?)reader["listedDate"] : null;

listedEndDate = reader["listedEndDate"] != DBNull.Value ? (DateTime?)reader["listedEndDate"] : null;

repaymentDate = reader["repaymentDate"] != DBNull.Value ? (DateTime?)reader["repaymentDate"] : null;

repaymentAmt = reader.IsDBNull(reader.GetOrdinal("repaymentAmt")) ? 0 : (decimal)reader["repaymentAmt"];

noteStatus = reader.IsDBNull(reader.GetOrdinal("noteStatus")) ? null : (string)reader["noteStatus"];

appID = reader.IsDBNull(reader.GetOrdinal("appID")) ? null : (string)reader["appID"];

}

}

con.Close();

string Note = $"{noteAddress}-{listedDate}-{listedEndDate}-{fundedToDate}-{repaymentDate}-{repaymentAmt}-{noteStatus}-{appID}";

string hashNote = HashingHelper.ComputeSha256Hash(Note);

Debug.WriteLine("The hash for " + Note + " is " + hashNote);

return hashNote;