Project 2

1. Create a limited credit card management system with several features using PL/SQL packages.   
   a) Each client can have several credit cards in USD and KZT.

Subroutines – add\_client, add\_new\_card, delete card, update\_card\_owner\_info.

b) Client can get a credit card only if he has a good credit score (it is described below). Subroutine – check\_credit\_score.

c) Each client has a credit limit which should not be exceeded. Initial limit by default is 100 USD.

Subroutine – check\_credit\_limit.

d) Client must repay his/her amount until end of month. If the due date will be exceeded, bank can charge simple interest on outstanding sum of 0.5% per day.

Subroutine – client\_payment.

e) Print balance on client’s credit card.

Subroutine – print\_balance.

f) \* Calculate a client credit FICO score range based on factors described in

https://www.myfico.com/CreditEducation/In-Your-Credit-Report.aspx

https://www.myfico.com/fico-credit-score-estimator/estimator/

Subroutine – calculate\_credit\_score.