Question 1

Q1a

data S2Q1;

set sashelp.baseball;

run;

proc print data=S2Q1;

run;

Q1b

lib S2Q1;

Q1c

data S2Q1;

set sashelp.baseball;

country = “Malaya”;

run;

proc print data=S2Q1;

run;

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|  |

Question 2

Q2a

data q2\_1;

infile datalines dsd;

length Customer $20. Type $15. Country $15. City $ 15. Date $10. Contact\_Manager $15.;

input Customer $ Type $ Country $ City $ Contact\_Number Date $ Limitation\_years Contact\_Manager;

datalines;

Intersection, com.network, USA, New York, 2314589, 12.12.2012, 2, Aaron

Magnet, com.network, USA, New York, 2432656, 27.08.2014, 3, Alex

Perspective krop., warehouse, Belarus, Minsk, 2456983, 31.12.2014,2,Ashley

Driveway, enterprise, USA, New York, 2408570, 24.04.2014, 5, Aaron

near, enterprise, USA, Los Angeles, 2481553, 06.05.2015, 2, Ashley

Nori, warehouse, Japan, Tokyo, 2506369, 09.09.2015, 2, Blake

Nevsky comp., com.network, Russia, Moscow, 2337735, 15.04.2013, 1, Caroline

Perspectice korp., enterprise, Belarus, Minsk, 2361112, 17.08.2013, 2, Daniel

in touch, warehouse, USA, San Francisco, 2384723, 20.12.2013, 2, Alex

Nardis, com.network, Japan, Tokyo, 2531433, 14.01.2016, 3, Blake

;

run;

proc print data=q2\_1;

title "Database clients of Jolly Day";

run;

data q2\_2;

set q2\_1;

keep Country Contact\_Number;

run;

proc print data=q2\_2;

title "Database clients of Jolly Day";

run;

data q2\_3;

set q2\_1;

infile datalines dsd;

length product $20.;

input product $ price;

datalines;

radio, 150

computer, 100

laptop, 250

Washing machine, 150

TV, 100

radio, 150

computer, 100

laptop, 250

Washing machine, 150

TV, 100

;

run;

proc print data=q2\_3 noobs;

run;

data q2\_4;

set q2\_3;

length Price\_condition $20. result $10.;

if price <= 120 then Price\_condition = "Less or equal 120";

else Price\_condition = "Between 121 to 250";

if price <= 120 then result = "low";

else result = "high";

run;

proc print data=q2\_4;

run;

data q3a;

infile datalines dsd;

length student $15.;

input student $ English Maths Biology Physics;

array program[4] English Maths Biology Physics;

if program[i] = . then delete;

datalines;

John, 56, 87, 68, .

chan, 89, 93, 77, 43

Mike, ., 66, ., .

Ramu, 90, ., ., 32

Alen, 54, 55, 32, .

Chang, 89, 76, 88, 89

Marissa, 23, 90, 43, 90

;

run;

proc print data=q3a;

run;

data q5;

infile datalines dsd;

length StudentName $15.;

input StudentName $ Physics;

if Physics >= 90 then Grade = "A";

else if Physics >= 80 then Grade = "B";

else if Physics >= 70 then Grade = "C";

else if Physics >= 60 then Grade = "D";

else Grade = "F";

datalines;

Thomas, 72

Charles, 98

Anthony, 91

Paul, 64

Kenneth, 51

Kevin, 89

Joshua, 96

Justin, 97

Larry, 51

Frank, 52

;

run;

proc print data=q5;

run;