Q1

final double BASE\_COST = 20.0;

final double GB\_CHARGE =0.10;

final double GST\_RATE = 0.05;

cost = 20 + gb\*.10

Pseudocode

print “enter client name”

input name

print “Enter the # of GB used”

input gb

print “Base charge is “ + BASE\_CHARGE

dataCharge = gb \* BASE\_CHARGE

totalBeforeGST = BASE\_CHARGE + dataCharge

gst = totalBeforeGST \* GST\_RATE

total = totalBeforeGST + gst

print “GST is “ + gst

print “Total is “ + total

Q2

$1100

com = 1000\*1.5/100 + 100\*1.75/100 = 16.75

Pseudocode

print “Enter Employee’s name:”

input name

print “Hours worked”

input hours

print “total value of plans sold”

input value

salary = hours \* 10

if (value <= 1000) {

com = value \* 1.5/100;

else {

com = 1000 \* 1.5/100;

value -= 1000;

//left is charged at 1.75%

com += value \* 1.75 / 100.0;

}

print “Monthly salary “ + salary

print “Monthly Commission “ + com

total = salary + com

print “Total = “ + total

Q3

Pseudocode

print “Enter lower temp”

input lower

print “Enter higher temp”

input higher

for (c=lower; c<=higher;c+=5)

{

f = c\*9.0/5.0 + 32;

print c,f

}

Q4

Loop

branch

endLoop

Pseudocode

print “1. Add 2. Subtract 3. exit”

input option

total = 0

while option != 3

if option == 1

print “Enter a value to add”

input value

total += value

else

print “Enter a value to subtract”

input value

total -= value

endIf

// secondary read

print “1. Add 2. Subtract 3. exit”

input option

endWhile

// print results

print “Total is “+ total