// Global constants

Burgundy\_Base = 350.0

Leadership\_Instruction = 100.0

Required\_Equipment = 40.0

Scott\_Base = 1000.0

Cox\_Base = 400.0

Lodging = 65.0

Luxury\_Lodging = 120.0

Johnson\_Base = 700.0

Equipment = 40.0

// Function prototypes

int main();

double Burgundy();

double Scott();

double Cox();

double Johnson();

void send\_invoice();

// Main function

function main():

total\_cost = 0.0

customer\_email = ""

// Menu display and customer’s selection

selection = menu()

while selection != 0:

// Process customer’s selection

if selection == 1:

total\_cost += Burgundy()

else if selection == 2:

total\_cost += Scott()

else if selection == 3:

total\_cost += Cox()

else if selection == 4:

total\_cost += Johnson()

// Ask if the customer wants to add more retreat options

output "Would you like to add any additional retreats? (y/n):"

additional\_options = input()

if additional\_options == "n":

break // Exit the loop if the customer doesn’t want to add more retreats

// Display menu options and obtain customer's next selection

selection = menu()

// Display the total cost and ask for the customer’s email address

output "Your total cost is $" + total\_cost + ". Please enter your email to receive an invoice with payment information:"

customer\_email = input()

// Send invoice with a thank you

send\_invoice(customer\_email)

output "Thank you. An invoice will be sent to " + customer\_email + " within 24 hours. We look forward to seeing you soon!"

// Define menu function

function menu():

// Display menu options

output "Which retreat would you like to purchase?"

output "1. The Ron Burgundy People Know Me Retreat"

output "2. The Michael Scott World’s Best Boss Retreat"

output "3. Dr Cox Presents Man Not Caring Retreat"

output "4. Tony Johnson’s I Really Don’t Care Retreat"

output "0. Exit"

// Obtain user choice

customers\_input = input()

return customers\_input

// Define Burgundy():

function Burgundy():

// Display details for Burgundy retreat

output "The Ron Burgundy People Know Me Retreat:"

output "Base charge = $350 per person"

output "Leadership instruction = $100 per person"

output "Required equipment = $40 per person"

// Obtain user input

output "How many tickets would you like to purchase?"

Tickets = input()

output "Would you like to add the Leadership Instruction option? (y/n):"

add\_instructions = input()

if add\_instructions == "y":

output "How many Leadership Instruction tickets would you like to add?"

Instruction\_Tickets = input()

return Burgundy\_Base \* Tickets + Leadership\_Instruction \* Instruction\_Tickets + Required\_Equipment \* Tickets

else:

return Burgundy\_Base \* Tickets + Required\_Equipment \* Tickets

// Define Scott():

function Scott():

// Display details for Scott retreat

output "The Michael Scott World's Best Boss Retreat:"

output "Base charge = $1000 per person"

output "Leadership instruction = $100 per person"

// Obtain user input

output "How many tickets would you like to purchase?"

Tickets = input()

output "Would you like to add the Leadership Instruction option? (y/n):"

add\_instructions = input()

if add\_instructions == "y":

output "How many Leadership Instruction tickets would you like to add?"

Instruction\_Tickets = input()

return Scott\_Base \* Tickets + Leadership\_Instruction \* Instruction\_Tickets

else:

return Scott\_Base \* Tickets

// Define Cox():

function Cox():

// Display details for Cox retreat

output "Dr. Cox Presents Man Not Caring Retreat:"

output "Base charge = $400 per person"

output "Lodging = $65 per day per person"

output "Luxury lodging = $120 per day per person"

// Obtain user input

output "How many tickets would you like to purchase?"

Tickets = input()

output "How many days would you like lodging?"

Lodging\_Days = input()

output "How many days would you like luxury lodging?"

Luxury\_Lodging\_Days = input()

return Cox\_Base \* Tickets + Lodging \* Lodging\_Days + Luxury\_Lodging \* Luxury\_Lodging\_Days

// Define Johnson():

function Johnson():

// Display details for Johnson retreat

output "Tony Johnson's I Really Don't Care Retreat:"

output "Base charge = $700 per person"

output "Equipment = $40 per day per person"

// Obtain user input

output "How many tickets would you like to purchase?"

Tickets = input()

output "How many days would you like equipment?"

Equipment\_Days = input()

return Johnson\_Base \* Tickets + Equipment \* Equipment\_Days

// Define send\_invoice function

function send\_invoice(email):