

## BEGIN Hotel Booking System

DECLARE resorts AS DICTIONARY

```
resorts = {  
  1: {'name': 'RedDoorz near SM Batangas City', 'price': 918},  
  2: {'name': 'Meaco Royal Hotel-Batangas City', 'price': 2300},  
  3: {'name': 'Pontefino Hotel and Residences', 'price': 4000}  
}
```

DECLARE reservation AS LIST

PRINT "WELCOME TO STAYWISE: HOTEL BOOKING SYSTEM"

INPUT name

INPUT address

INPUT pax

INPUT date\_in

INPUT date\_out

WHILE True DO

PRINT "[1] Hotel"

PRINT "[2] View Bookings"

PRINT "[3] Payment"

PRINT "[4] Cancel Reservation"

PRINT "[5] Out"

INPUT number

IF number == 1 THEN

PRINT "Available Hotel: "

FOR EACH num, info IN resorts DO

PRINT num + " - " + info['name'] + " - \$" + info['price']

END FOR

INPUT enter

IF enter IN resorts THEN

ADD resorts[enter] TO reservation

PRINT resorts[enter]['name'] + " - " + resorts[enter]['price'] + " successfully added  
to reservation!"

END IF

ELSE IF number == 2 THEN

IF reservation IS NOT EMPTY THEN

PRINT "Your Reservation: "

FOR EACH reserved IN reservation DO

PRINT reserved['name'] + " - \$" + reserved['price']

END FOR

ELSE

PRINT "There's no reservation yet!"

```

END IF

ELSE IF number == 3 THEN
    PRINT "--PAYMENT--"
    FOR EACH reserved IN reservation DO
        PRINT reserved['name'] + " - " + reserved['price']
        INPUT do
        IF do == 'y' THEN
            INPUT payment
            IF payment > reserved['price'] THEN
                PRINT "Payment successfully paid."
                PRINT "note: if you get the your reservation will automatic be deleted"
                INPUT reciept
                IF reciept == 'y' THEN
                    PRINT "----- RECEIPT -----"
                    PRINT " NAME: " + name
                    PRINT " ADDRESS: " + address
                    PRINT " PAX: " + pax
                    PRINT reserved['name'] + " - $" + reserved['price']
                    PRINT " DATE IN: " + date_in
                    PRINT " DATE OUT: " + date_out
                    REMOVE reserved FROM reservation
                ELSE
                    PRINT "Thank you!"
                END IF
            ELSE
                PRINT "Not enough amount."
            END IF
        ELSE
            PRINT "Please come back later."
        END IF
    END FOR

ELSE IF number == 4 THEN
    INPUT remove
    IF remove == 'y' THEN
        CLEAR reservation
        PRINT "Successfully removed the reservation."
    ELSE
        PRINT "

```