Global frame

SemesterDining

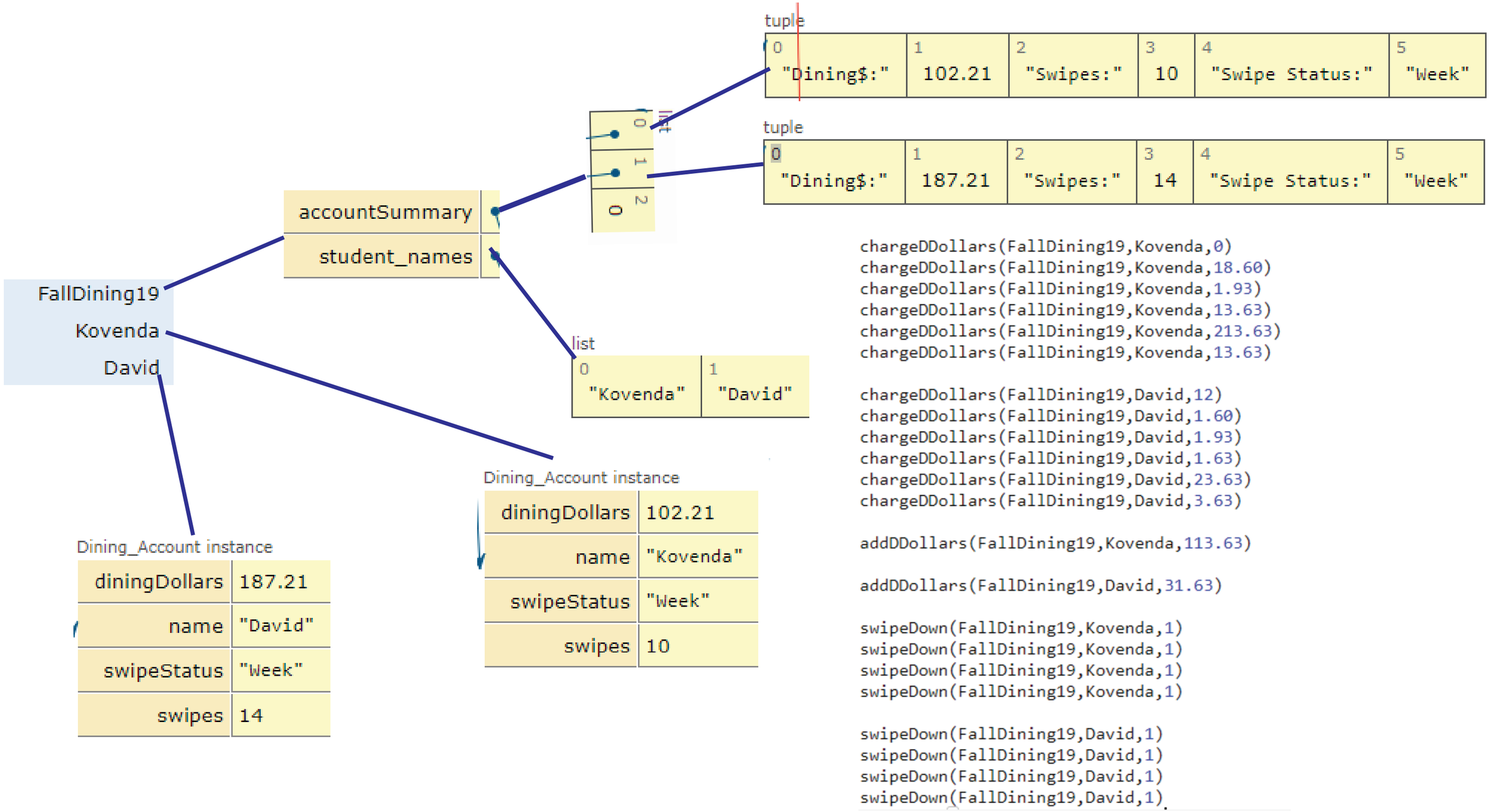
Dining_Account

__init__	function __init__(self)
addObject	function addObject(self, data)
get	function get(self, key)
getIndex	function getIndex(self, list1, itme)
put	function put(self, key, data)
putCharge	function putCharge(self, key, data)

__init__	function __init__(self)
addDiningDollars	function addDiningDollars(self, amount)
chargeDiningDollars	function chargeDiningDollars(self, amount)
chargeSwipes	function chargeSwipes(self, amount)
getAccountSummary	function getAccountSummary(self)
getDiningDollars	function getDiningDollars(self)
getSwipeStatus	function getSwipeStatus(self)
getSwipes	function getSwipes(self)
setAll	function setAll(self, name, diningDollars, swipes, swipeStatus)
setDiningDollars	function setDiningDollars(self, data)
setName	function setName(self, data)
setSwipeStatus	function setSwipeStatus(self, data)
setSwipes	function setSwipes(self, data)

```
# Creating Semester Object
FallDining19=SemesterDining()
# Creating Dining Account Objects
Kovenda=Dining_Account()
David=Dining_Account()
```

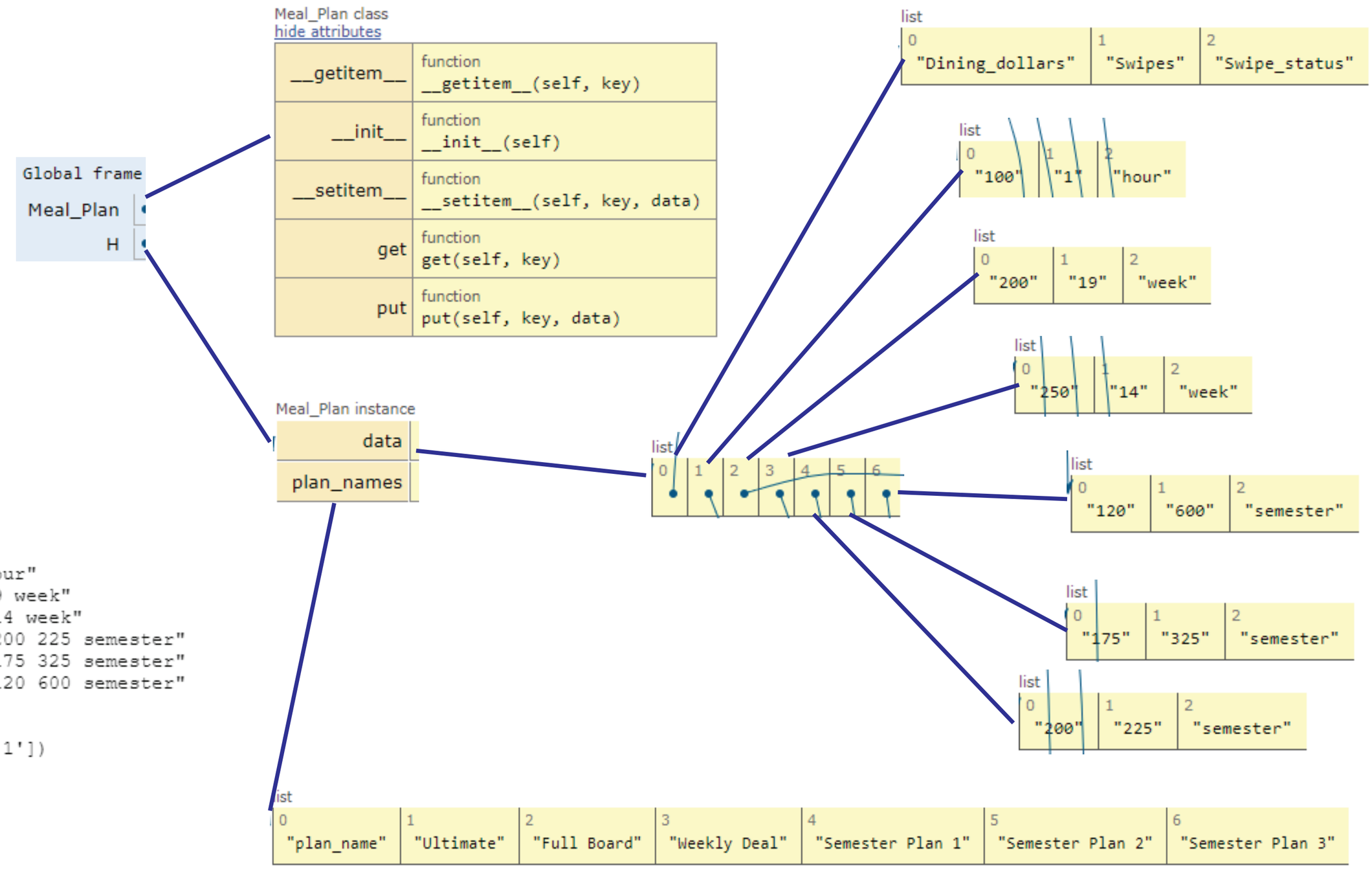
```
# Instantiate Dining Account Objects and Add them to Semester Dining
addNewObjects(FallDining19,Kovenda,'Kovenda',250,14,'Week')
addNewObjects(FallDining19,David,'David',200,19,'Week')
```

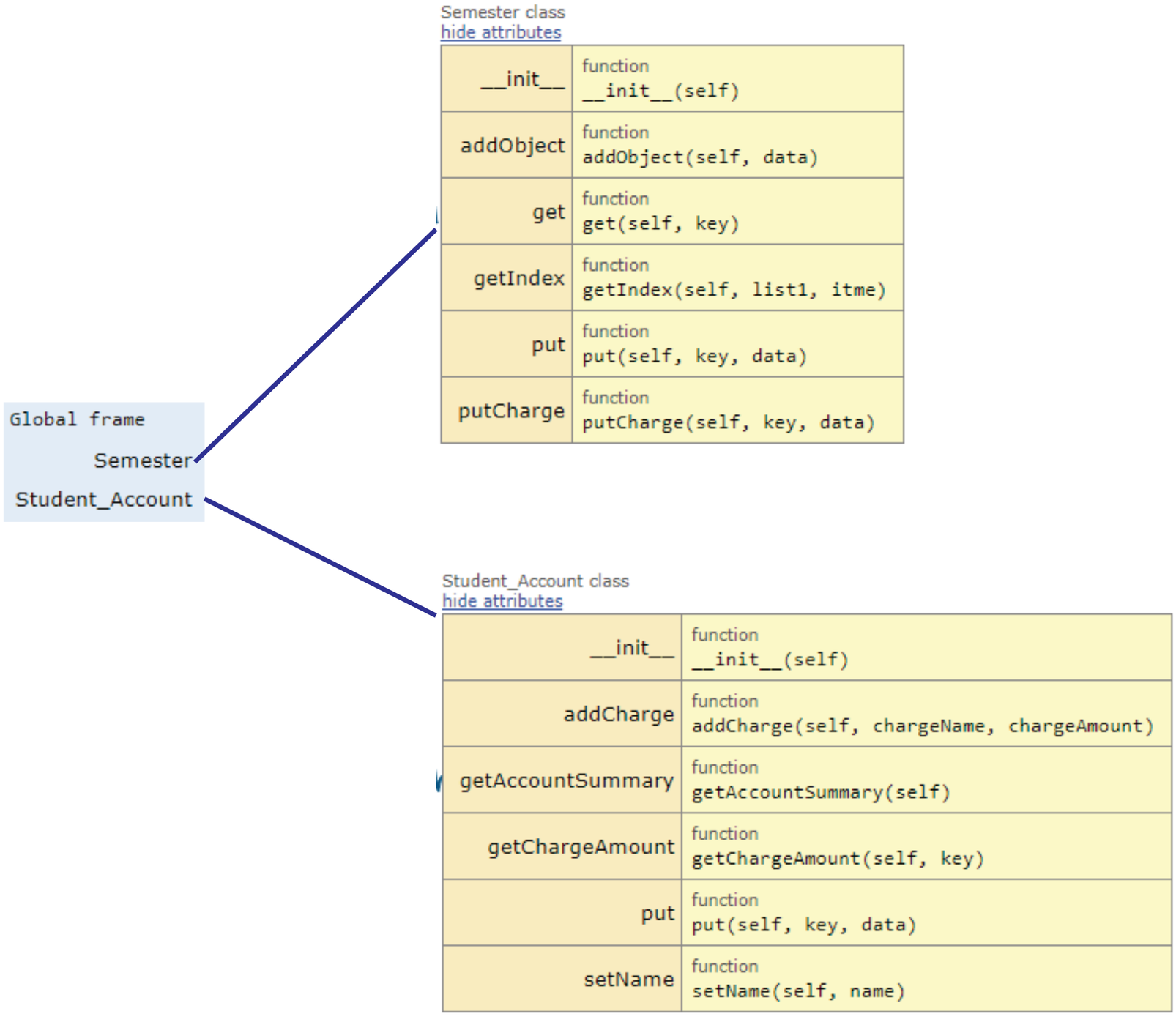



```
chargeDDollars(FallDining19,Kovenda,0)
chargeDDollars(FallDining19,Kovenda,18.60)
chargeDDollars(FallDining19,Kovenda,1.93)
chargeDDollars(FallDining19,Kovenda,13.63)
chargeDDollars(FallDining19,Kovenda,213.63)
chargeDDollars(FallDining19,Kovenda,13.63)

chargeDDollars(FallDining19,David,12)
chargeDDollars(FallDining19,David,1.60)
chargeDDollars(FallDining19,David,1.93)
chargeDDollars(FallDining19,David,1.63)
chargeDDollars(FallDining19,David,23.63)
chargeDDollars(FallDining19,David,3.63)

addDDollars(FallDining19,Kovenda,113.63)

addDDollars(FallDining19,David,31.63)

swipeDown(FallDining19,Kovenda,1)
swipeDown(FallDining19,Kovenda,1)
swipeDown(FallDining19,Kovenda,1)
swipeDown(FallDining19,Kovenda,1)

swipeDown(FallDining19,David,1)
swipeDown(FallDining19,David,1)
swipeDown(FallDining19,David,1)
swipeDown(FallDining19,David,1)
```

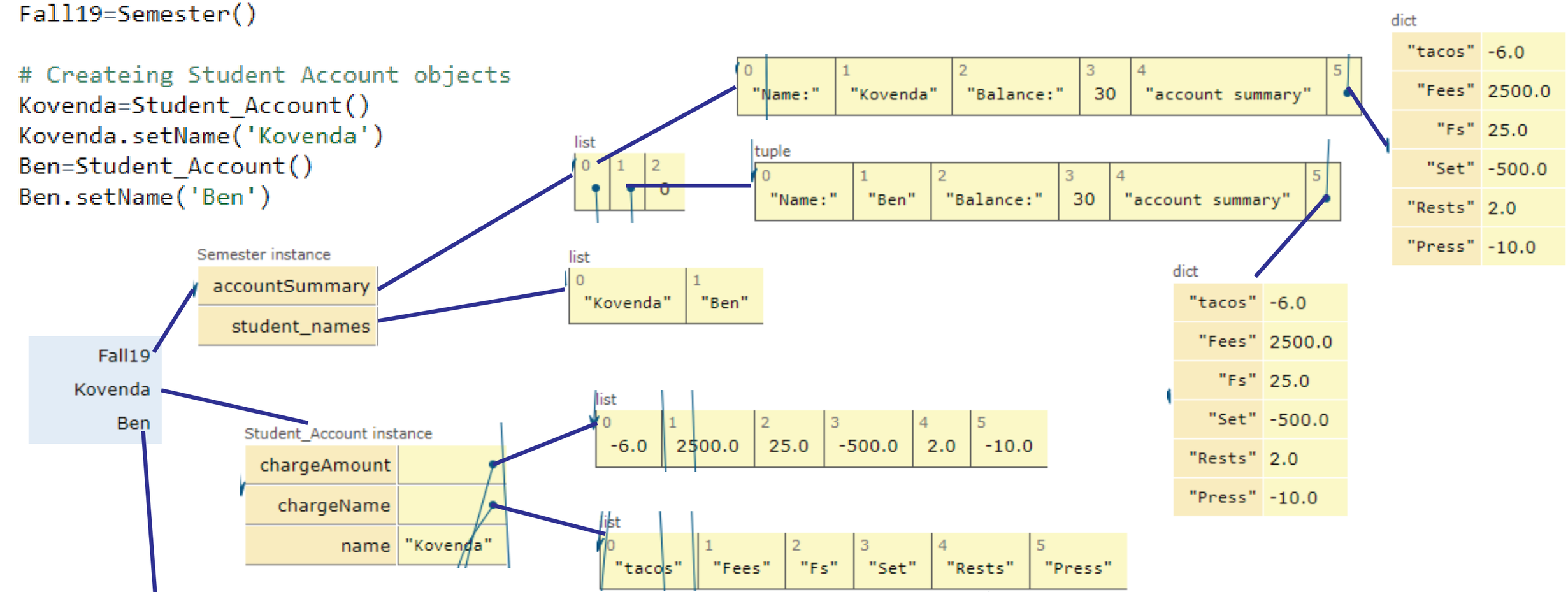
```
# Meal Plan Class
class Meal_Plan:
    def __init__(self):
        #self.size = 11
        self.plan_names = ['plan_name']
        self.data = [['Dining_dollars', 'Swipes','Swipe_status']]
```

```
# Creating Meal Plans
H=Meal_Plan()
H['Ultimate']="100 1 hour"
H['Full Board']="200 19 week"
H['Weekly Deal']="250 14 week"
H['Semester Plan 1']="200 225 semester"
H['Semester Plan 2']="175 325 semester"
H['Semester Plan 3']="120 600 semester"


print(H['Semester Plan 1'])
```




Global frame
Semester
Student_Account
Semester class
hide attributes
__init__
function
__init__(self)
addObject
function
addObject(self, data)
get
function
get(self, key)
getIndex
function
getIndex(self, list1, itme)
put
function
put(self, key, data)
putCharge
function
putCharge(self, key, data)
Student_Account class
hide attributes
__init__
function
__init__(self)
addCharge
function
addCharge(self, chargeName, chargeAmount)
getAccountSummary
function
getAccountSummary(self)
getChargeAmount
function
getChargeAmount(self, key)
put
function
put(self, key, data)
setName
function
setName(self, name)

```python
# Creating Semester Object
Fall19=Semester()

# Createing Student Account objects
Kovenda=Student_Account()
Kovenda.setName('Kovenda')
Ben=Student_Account()
Ben.setName('Ben')
```




```python
# Adding Charges to Student Account objects
addingCharges(Fall19,Kovenda,'tacos',-6)
addingCharges(Fall19,Kovenda,'Fees',2500)
addingCharges(Fall19,Kovenda,'Fs',25)
addingCharges(Fall19,Kovenda,'Set',-500)
addingCharges(Fall19,Kovenda,'Rests',2)
addingCharges(Fall19,Kovenda,'Press',-10)

addingCharges(Fall19,Ben,'tacos',-6)
addingCharges(Fall19,Ben,'Fees',2500)
addingCharges(Fall19,Ben,'Fs',25)
addingCharges(Fall19,Ben,'Set',-500)
addingCharges(Fall19,Ben,'Rests',2)
addingCharges(Fall19,Ben,'Press',-10)
```