Assignment Project Exam Help Smalltalk Lecture 6 Add WeChat powcoder



Assignment Project Exam Help Queue in Collection hierarchy Add WeChat powcoder

Collection subclass: #Queue. Queue instance Variable Names: 'list' Exam Help Queue extend [https://powcoder.com insert: key ["enqueue" list addLast: key Add WeChat powcoder remove ["dequeue" list isEmpty ifTrue: [^ nil] ifFalse: [^ list removeFirst]

Assignment Project Exam Help init and new Add WeChat powcoder

```
Queue extend [Assignment Project Exam Help
display [list do: [ix | Transcript display: x; cr]]
init [list := OrderedCollection new]

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Queue class extend [
new [^super new init]]
```

Assignment Project Exam Help Client code

Add WeChat powcoder

```
q := Queue new.
q insert: 20; insert: 40; insert: 10; insert: 30. Help
q display.

https://powcoder.com

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10
```

5 time	esRepeat:		
	[Transcript display: q remove; c	r]	_

do:

```
Queue extend [Assignment Project Exam Help do: aBlock [list do: aBlock ] display [self do: httpst//answipdeisplay x; cr]]

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q := Queue new.
q insert: 20; insert: 40; insert: 10; insert: 30.
q display.
```

collect:

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```
Queue extend [Assignment Project Exam Help collect: aBlock [ "map"
      ^ Queue new listtpst/poleccodelocky
  | Add WeChat powcoder | list: aList [ list := aList ]
r := q \text{ collect: } [:x \mid x*x].
r display.
```

select:

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```
Queue extend [Assignment Project Exam Help select: aBlock [ https://powcoder.com ^ Queue new list: (list select: aBlock) ] Add WeChat powcoder ]

s := q select: [:x | x>15 and: [x<35]].
s display.
```

reject:

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Assignment Project Exam Help inject:into: and detect:ifNone: (inherited from Coffeet on Wooder

Assignment Project Exam Help

Transcript display: (q inject: 1 into: [:a :b | a*b]); cr.

240000

100

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Transcript display: (q detect: [:x | x<15] ifNone: [99]); cr.

Transcript display: (q detect: [:x | x>25] ifNone: [99]); cr.

99

10

40

Transcript display: (q detect: [:x | x>50] ifNone: [99]); cr.

Assignment Project Exam Help **BitSet class**Add WeChat powcoder

```
Collection subclass: BitSet [
               Assignment Project Exam Help
  arr
  init: n [
                    https://powcoder.com
     arr := Array new: n.
     1 to: n do: [:k | Adda | Me Shatarasev poder
  init [ self init: 10 ]
  size [ ^ arr size ]
  display [Transcript display: arr; cr]
```

Assignment Project Exam Help cardinality Add WeChat powcoder

Assignment Project Exam Help Client code Add WeChat powcoder

Assignment Project Exam Help

```
set := BitSet new inithttps://powcoder.com
set display.
Add WeChat powcoder
Transcript display: set cardinality; cr.
```

```
(false false false false false false false false) 0
```

insert:

```
BitSet extend [ Assignment Project Exam Help insert: x [ (self inRange: x)ttps://powcoder.com ifTrue: [ arr at: x put: true ] powcoder ifFalse: [ Transcript display: 'Error: out of range'; cr ] ] inRange: index [ ^ (1 <= index) and: [ index <= self size ] ]
```

Assignment Project Exam Help Client code Add WeChat powcoder

Assignment Project Exam Help

```
1 to: set size by: 2 dottps://pewsedtr.com
```

set display.

Add WeChat powcoder

Transcript display: set cardinality; cr.

```
(true false true false true false true false)
```

remove:

Assignment Project Exam Help Client code Add WeChat powcoder

Assignment Project Exam Help

```
1 to: set size by: 3 dottps://pewendore.com.
```

set display.

Add WeChat powcoder

Transcript display: set cardinality; cr.

```
(false false true false true false false true false)
```

Assignment Project Exam Help member: Add WeChat powcoder

```
BitSet extend [ Assignment Project Exam Help member: x [ (self inRange: k)ttps://powcoder.com ifTrue: [ ^ arr at: x WeChat powcoder ifFalse: [ ^ false ] ]
```

Assignment Project Exam Help Client code

```
1 to: set size do: [:k|
  Transcript dishaigun patcer disptative the mber: k); cr
                   https://powcoder.com
                        WeChat powcoder
                        false
                         true
                      6 false
                      7 false
                      8 false
                         true
                         false
```

Assignment Project Exam Help do: and inject:into: Add WeChat powcoder

```
Transcript display: (set inject: 0 into: [ :a :b | a+b ]); cr. Transcript display: (set inject: 1 into: [ :a :b | a*b ]); cr.
```