



Desk:

getSize

return width * depth

getPrice

```

SET size getSize()
SET basePrice 200
SET surfacePrice size > 1000 ? size : 0
SET drawersPrice drawers * 50
SET materialPrice null

```

switch surface

case "Oak"

SET materialPrice 200

case "Laminate"

SET materialPrice 100

case "Pine"

SET materialPrice 50

case "Rosewood"

SET materialPrice 300

case "Veneer"

SET materialPrice 125

return basePrice + surfacePrice + drawersPrice + materialPrice

DeskQuote

getPrice

```

SET deskPrice desk.getPrice()
SET deskSize desk.getSize()
SET rushPrice getRushPrice(deskSize)
return (deskPrice + rushPrice) * quantity

```

getRushPrice(size)

```

IF rushOrder = 14
return 0

```

```
IF rushOrder = 7
  IF size < 1000
    return 30
  ELSE IF size < 2000
    return 40
  ELSE
    return 35
```

```
IF rushOrder = 5
  IF size < 1000
    return 40
  ELSE IF size < 2000
    return 60
  ELSE
    return 50
```

```
IF rushOrder = 3
  IF size < 1000
    return 60
  ELSE IF size < 2000
    return 80
  ELSE
    return 70
```