A screenshot of a cell phone

Description automatically generated

**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