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CS 101

Program 1 – Knuth’s Cabinets

**Error #1 -**

line 26, in <module>

totalCuttingHrs = (uppercabinet['Cutting Labor'] \* upperCabinetNum) + (lowercabinet['Cutting Labor'] \* lowercabinet) + (cornercabinet['Cutting Labor'] \* cornerCabinetNum)

Produces: TypeError

Reason Caused: I forgot to change lowercabinet to lowerCabinetNum when multiplying in this equation

**Error #2 -**

line 26, in <module>

totalCuttingHrs = (uppercabinet['Cutting Labor'] \* upperCabinetNum) + (lowercabinet['Cutting Labor'] \* lowercabinet) + (cornercabinet['Cutting Labor'] \* cornerCabinetNum)

Produces: TypeError

Reason Caused: I forgot to convert the input to either a float or an integer

**Error #3 -**

line 37, in <module>

print('\nTotal cutting hours' totalCuttingHrs)

Produces: SyntaxError

Reason Caused: I forgot to place a comma after quotes

**Error #4 -**

Line 35, in <module>

totalLaborHrs = math.round(totalCuttingHrs + totalSandingHrs + totalFinishingHrs)

Produces: ValueError

Reason Caused: used math.round() around totalLaborHrs equation

**Error #5 –**

>>> a

Produces: NameError

Reason Caused: No variable called 'a' has been declared/defined, so the interpreter doesn't know what that is.

**Error #6 -**

Line 32, in <module>

totalFinishingHrs = (['Finishing Labor'] \* upperCabinetNum) + (lowercabinet['Finishing Labor'] \* lowerCabinetNum) + (cornercabinet['Finishing Labor'] \* cornerCabinetNum)

Produces: TypeError

Reason Caused: forgot to specify which ‘dict’ to grab value from when multiplying the first part of the equation

**Error #7 -**

Line 27, in <module>

totalSandingHrs = (uppercabinet['Sanding Labor'] \* upperCabinetNum) + (lowercabinet['Sandng Labor'] \* lowerCabinetNum) + (cornercabinet['Sanding Labor'] \* cornerCabinetNum)

Produces: KeyError

Reason Caused: mispelled ‘dict’ lowercabinet[‘Sandng Labor’] when it’s supposed to be lowercabinet['Sanding Labor']

**Error #8 -**

cornercabinet = {

'Cutting Labor': 1.9,

'Sanding Labor': 1.2

'Finishing Labor': 1.5

}

Produces: SyntaxError

Reason Caused: forgot to place comma after 1.2 for ‘Sanding Labor’

**Error #9 -**

uppercabinet = [

'Cutting Labor': 1.2,

'Sanding Labor': 2.4,

'Finishing Labor': 3.4

]

Produces: SyntaxError

Reason Caused: used [ ] instead of { } when making ‘dict’

**Error #10 -**

cornercabinet = {

'Cutting Labor'= 1.9,

'Sanding Labor'= 1.2,

'Finishing Labor'= 1.5

}

Produces: SyntaxError

Reason Caused: used = instead of “:” when making the cornercabinet ‘dict’