# Question 1

In [1]:
```
nPacksofBottledWater = 14
nPackedSuitCases = 2
nGolfKit = 1
nGolfClubs = 24
```

# Question 2

In [6]:
```
vehicleSpeed = 35kph #The value of the variable should have been represented by a string. That is vehicleSpeed = '35kph'
```

```
  File "C:\Users\ABDULR~1\AppData\Local\Temp/ipykernel_17248/970339487.py", line 1
    vehicleSpeed = 35kph
                       ^
SyntaxError: invalid syntax
```

In [7]:
```
studentWeight = 75 kg #The value of the variable should have been represented by a string. That is studentWeight = '75 kg'
```

```
  File "C:\Users\ABDULR~1\AppData\Local\Temp/ipykernel_17248/3650647585.py", line 1
    studentWeight = 75 kg
                         ^
SyntaxError: invalid syntax
```

In [5]:
```
happiness  Rating = ‘Very Happy’ #A variable name cannot contain spaces. It should have been hapinessRating = 'Very happy'
```

```
  File "C:\Users\ABDULR~1\AppData\Local\Temp/ipykernel_17248/90518921.py", line 1
    happiness  Rating = ‘Very Happy’
               ^
SyntaxError: invalid syntax
```

In [8]:
```
count, subcount = 45 #The number of variables does not match the number of values. It could be count, subcount = 45, 30
```

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
C:\Users\ABDULR~1\AppData\Local\Temp/ipykernel_17248/160706060.py in <module>
----> 1 count, subcount = 45

TypeError: cannot unpack non-iterable int object
```

# Question 3

**a.**

In [2]:
```
student1Name = 'Rowland Brooks'
student1Age = 30
student1MaritalStatus = 'Single'
student1NChildren = 4
```

**b.**

In [3]:
```
student2Name = 'Tambe Bwali'
student2Age = 27
student2MaritalStatus = 'Married'
student2NChildren = 6
```

**c.**

In [5]:
```
student3Name = 'Bitrus Yagi'
student3Age = 40
student3MaritalStatus = 'Married'
student3NChildren = 2
```

**d.**

In [7]:
```
student4Name = 'Kofi Kwame'
student4Age = 51
student4MaritalStatus = 'Single'
student4NChildren = 7
```

**e.**

In [8]:
```
student5Name = 'Butuwase Nglesi'
student5Age = 38
student5MaritalStatus = 'Single'
student5NChildren = 0
```

**f.**

In [ ]:
```
student6Name = 'Peter Okafor'
student6Age = 33
student6MaritalStatus = 'Married'
student6NumChildren = 3
```

**g.**

In [9]:
```
student7Name = 'Adebo Babalaki'
student7Age = 51
student7MaritalStatus = 'Divorced'
student7NChildren = 9
```

# 3b

In [10]:
```
student1Info = ['Rowland Brooks', 30, 'Single', 4]
student2Info = ['Tambe Bwali', 27, 'Married', 6]
student3Info = ['Bitrus Yagi', 40, 'Married', 2]
student4Info = ['Kofi Kwame', 51, 'Single', 7]
student5Info = ['Butuwase Nglesi', 38, 'Single', 0]
student6Info = ['Peter Okafor', 33, 'Married', 3]
student7Info = ['Adebo Babalaki', 51, 'Divorced', 9]
```

# Question 4

In [3]:
```
mandelMonthlyIncome = 12000
ngelesiDebt = 300
belindaDebt = 500
unpaidBills = 3000
mandelTotalDebt = ngelesiDebt + belindaDebt + unpaidBills
mandelSavings = (50/100)*mandelMonthlyIncome
nathanDebtToMandel = 2500
mandelMoneyTotal = mandelMonthlyIncome - mandelTotalDebt - mandelSavings + nathanDebtToMandel
print(mandelMoneyTotal)
```

```
4700.0
```