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| --- |
| Ejercicio de la calculadora |
|  | class calc(object): |
|  | def \_\_init\_\_(self, a, b): |
|  | self.a = a |
|  | self.b = b |
|  | def my\_suma(self): |
|  | suma = self.a + self.b |
|  | print "suma es", suma |
|  | def restar(self): |
|  | resta = self.a - self.b |
|  | print "resta es", resta |
|  | def mult(self): |
|  | multa = self.a \* self.b |
|  | print "multiplicacion es", multa |
|  | def divi(self): |
|  | divid = self.a / self.b |
|  | print "division es", divid |
|  | #return suma |
|  | print "Bienvenido/a a la calculadora " |
|  | input = int(raw\_input("que quieres hacer? sumar, restar, multi o dividir?,1 para sumar, 2 para restar, 3 multi, 4 dividir")) |
|  | a = int(raw\_input("cuanto es el valor de a")) |
|  | b = int(raw\_input("cuanto es el valor de b")) |
|  | C = calc(a,b) |
|  | if input ==1: |
|  | C.my\_suma() |
|  | elif input ==2: |
|  | C.restar() |
|  | elif input == 3: |
|  | C.mult() |
|  | else: |
|  | C.divi() |
|  |  |
|  | ejercicio lista |
|  |  |
|  | mylist = [1, 4, 9, 16, 25, 36, 49, 64, 81, 100] |
|  | print mylist |
|  | del mylist[1::2] |
|  | print mylist |
|  | del mylist[0] |
|  | print mylist |
|  | ejercicio lista animalitos |
|  | zoo = ['elephant','zebra', 'tiger', 'lion'] |
|  | #zoo.append['cheetah'] |
|  | print zoo |
|  | zoo.append('cheetah') |
|  | print zoo |
|  | print len (zoo) |
|  | zoo.remove('lion') |
|  | print zoo |
|  | zoo.insert(3,'conejito') |
|  | print zoo |
|  | zoo.remove('zebra') |
|  | print zoo |
|  |  |
|  | ejercicio tupla |
|  | number = (1, 2, 3, 4, 5, 6, 7, 8, 9, 10); |
|  | print number |
|  | number2 = number [1::2] |
|  | print number2 |
|  |  |
|  | ejercicio diccionario |
|  | gente = {'Humberto': '28-dic', ' Bofo':'29-ene','giselle':'30-feb','alan':'15-marzo'} |
|  | print "me se los cumples de ", gente.keys() |
|  | name = raw\_input("de quien quieres saber fecha de cumple?") |
|  | print name |
|  | for age in gente.values(): |
|  | if name == gente: |
|  | age = gente[name] |
|  | print 'cumple el', age |
|  | ejercicio diccionario cambiar key |
|  | zoo = {'unicorn': 'cotton candy house ', 'sloth':'rainforest exhibit','bengal tiger':'jungle house','atlantic puffin':'arctic exhibit','rockhopper penguin':'artic exhibit' } |
|  | print zoo |
|  | del zoo ['sloth'] |
|  | print zoo |
|  | del zoo['bengal tiger'] |
|  | print zoo |
|  | zoo ['rockhopper penguin'] = 'pacific ocean' |
|  | print zoo |
|  |  |
|  | ejercicio cuenta letras |
|  | dic = {} |
|  | s=raw\_input('escribe una palabra y contare sus letras') |
|  | for s in s: |
|  | dic[s] = dic.get(s,0)+1 |
|  | print '\n'.join(['%s,%s' % (k, v) for k, v in dic.items()]) |
|  | ejercicio conexion |
|  |  |
|  | Import sqlite3 |
|  | conn = sqlite3.connect('school.db') |
|  | c= conn.cursor() |
|  | #c.execute("select first\_name,last\_name from students left join courses on students.id = courses.student\_id") |
|  | c.execute("select \* from students left join student\_courses on students.id = student\_courses.student\_id left join courses on student\_courses.course\_id = courses.id") |
|  | print c.fetchall() |