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"cells": [

{

"cell\_type": "code",

"execution\_count": 16,

"metadata": {},

"outputs": [

{

"name": "stdout",

"output\_type": "stream",

"text": [

"shanghai\n",

"mumbai\n",

"istanbul\n",

"karachi\n"

]

}

],

"source": [

"population={\n",

" \"shanghai\":\"12\",\n",

" \"mumbai\" :\"13.5\",\n",

" \"istanbul\":\"11\",\n",

" \"karachi\":\"10\"\n",

"}\n",

"for key in population:\n",

" print(key)\n",

" "

]

},

{

"cell\_type": "code",

"execution\_count": 26,

"metadata": {},

"outputs": [

{

"name": "stdout",

"output\_type": "stream",

"text": [

"{'dogs': [20, 10, 15, 14, 8.32], 'cats': [3, 4, 2, 8], 'rabbits': [2, 3, 3], 'fish': [0.3, 0.5]}\n",

"[20, 10, 15, 14, 8.32]\n",

"[3, 4, 2, 8]\n",

"[0.3, 0.5]\n"

]

}

],

"source": [

"animals={'dogs':[20,10,15,14,8.32],'cats':[3,4,2,8],'rabbits':[2,3,3],'fish':[0.3,0.5]}\n",

"print(animals)\n",

"print(animals['dogs'])\n",

"print(animals['cats'])\n",

"print(animals['fish'])"

]

},

{

"cell\_type": "code",

"execution\_count": 27,

"metadata": {},

"outputs": [

{

"name": "stdout",

"output\_type": "stream",

"text": [

"6\n"

]

}

],

"source": [

"a=[1,2,2,3,3,3,4,4,4,4]\n",

"b=set(a)\n",

"print(len(a)-len(b))"

]

},

{

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"execution\_count": 28,

"metadata": {},

"outputs": [

{

"name": "stdout",

"output\_type": "stream",

"text": [

"True\n",

"4\n"

]

}

],

"source": [

"tuple\_a=3,4\n",

"tuple\_b=(3,4)\n",

"print(tuple\_a==tuple\_b)\n",

"print(tuple\_a[1])"

]

},

{

"cell\_type": "code",

"execution\_count": 30,

"metadata": {},

"outputs": [

{

"name": "stdout",

"output\_type": "stream",

"text": [

"albert&ben&carol&donna\n"

]

}

],

"source": [

"names=[\"carol\",\"albert\",\"ben\",\"donna\"]\n",

"print(\"&\".join(sorted(names)))"

]

},

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"execution\_count": null,

"metadata": {},

"outputs": [],

"source": []

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"metadata": {

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"language": "python",

"name": "python3"

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"codemirror\_mode": {

"name": "ipython",

"version": 3

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"name": "python",

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"version": "3.7.3"

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