Dict01.

colors deb nomlangan dictionary yarating va unga **4 ta** items (element. *Key* tartib raqamlardan iborad *value* ranglar) kiriting.

Input: *colors* (*empty dict*).
Output: *dict*.

Exercise	**Solution**

`def func_add_colors(colors):`
`  """`
`  Add to empty dictionary  items`
 	
`  Parameters:`
`  Dictionary (dict): empty dict.`
 	
`  Returns:`
`  dict: Returns with added dictionary`
`  """`
`  return 0`	

Input:	**Output:**

`{}`	`{`
	`  '1':'red',`
	`  '2':'blue',`
	`  '3':'yellow',`
	`  '4':'green'`
	`}`

Dict02.

city deb nomlangan dictionary yarating va unga **4 ta** items (element. *Key* tartib raqamlardan iborat *value* shaharlar) kiriting.

Input: *city* (*empty dict*).
Output: *dict*.

Exercise	**Solution**

`def func_add_city(city):`
`  """`
`  Add to empty dictionary  items`
 	
`  Parameters:`
`  Dictionary (dict): empty dict.`
 	
`  Returns:`
`  dict: Returns with added dictionary`
`  """`
`  return 0`	

Input:	**Output:**

`{}`	`{`
	`  '1':'Toshkent',`
	`  '2':'Samarqand',`
	`  '3':'Buxoro',`
	`  '4':'Andijon'`
	`}`

Dict03.

cars deb nomlangan dictionary berilgan, shu dictionary **3 ta** elementdan (items) tashkil topgan, unga yana **2 ta** elementni qo'shilganligini natijada chiqaring. (dictionary ning ichidagi elementlar sonini **o'zgartirmagan holda** yana 2 ta elmentni qo'shing)

Input: *cars* (*dict*).
Output: *dict*.

Exercise	**Solution**

```
def func_add_two_items(cars):
    """
    Add to dictionary two items

    Parameters:
        Dictionary (dict): dict.

    Returns:
        dict: Returns with added
dictionary
    """
    return 0
```

Input:	**Output:**

```
{
    '1': 'BMW',
    '2': 'Tesla',
    '3': 'Chevrolet',
    '4': 'Malibu'
}
```

```
{
    '1': 'BMW',
    '2': 'Tesla',
    '3': 'Chevrolet',
    '4': 'Malibu',
    '5': 'Matiz',
    '6': 'Nexia'
}
```

Dict04.

Siz internet magazindan turli xildagi buyumlarga buyurtma berdingiz, lekin bir ozdan so'ng sizga ma'lum bir buyum zarur emasligini bildingiz. Ushbu sizga kerak bo'lmagan buyumni siz bergan buyurtmalar ro'yxatidan olib tashlab natijani chiqaring.

Input: *cart* (*dict*).
Output: *dict*.

Exercise	**Solution**

```
def func_remove_items(cart):
    """
    Remove to dictionary items

    Parameters:
        Dictionary (dict): cart dict.

    Returns:
        dict: Returns with remove
dictionary
    """
    return 0
```

Input:	**Output:**

```
{
    'Shirt': 1,
    'Socks': 4,
    'Bag': 1,
    'Notebook': 6,
    'Telephone': 1,
    'Pencil': 4,
    'Pen': 2
}
```

```
{
    'Shirt': 1,
    'Socks': 4,
    'Bag': 1,
    'Notebook': 6,
    'Pencil': 4,
    'Pen': 2
}
```

Dict05.

myself nomli empty dictionary e'lon qiling unda **First_name**, **Last_name**, **Age**, va **City** degan key lardan foydalanib ularni, qiymatini natijaga chiqaring.

(Hamma o'zining ma'lumotini kiritsin)

Input: *myself* (*dict*).
Output: *dict*.

Exercise	**Solution**

`def func_add_myself(myself):`
`  """`
`  Add to dictionary items`
 	
`  Parameters:`
`  Dictionary (dict): dict.`
 	
`  Returns:`
`  dict: Returns with add dictionary`
`  """`
`  return 0`	

Input:	**Output:**

`{}`	`{`
	`  'First_name': 'Sharf',`
	`  'Last_name': 'Imomov',`
	`  'Age': 23,`
	`  'City': 'Samarkand'`
	`}`

Dict06.

Sizga ixtiyoriy 0 dan 10 gacha bo`lgan sonlar ichidan tanlab olinga **digits** nomli *list* berilgan. Shu listga mos keluvchi so'z bilan yozilgan sonlarni value qilib **new_digit** nomli dictionaryga taminlab qaytaring.

Input: *digit* (*list*).
Output: *dict*.

Exercise	**Solution**

```
def func_new_digit(digit):
    """
    Create a dictionary

    Parameters:
        List: digit list.

    Returns:
        dict: Returns with creat
dictionary
    """
    return 0
```

Input:	**Output:**
`[4, 3, 8]`	`{ 4:'four', 3:'three', 5:'five' }`

Dict07.

Sizga **data** nomli nomalum shaxsning ma'lumotlari kiritilgan *dictionary* berilgan. Shu *dictionary* ichidan ismi, tel nomeri va qaysi shaharda yashashini *list* ga taminlab qaytaring.

Input: *data* (*Dictionary*).
Output: *list*.

Exercise	**Solution**

`def func_data_list(data):`
`  """`
`  Get a data from the dictionary`
 	
`  Parameters:`
`  Dictionary (dict): data dict.`
 	
`  Returns:`
`  list: Create a list of data`
`  """`
`  return 0`	

Input:	**Output:**

`{`
`  "Name": "Jamol",`
`  "Age": 21,`
`  "City": "Namangan",`
`  "Job": "Driver",`
`  "Phone": 998949876543`
`}`
	`["Jamol", 998949876543, "Namangan"]`

Dict08.

Sizga **data** nomli nomalum shaxsning ma'lumotlari kiritilgan *dictionary* berilgan. Shu *dictionary* ichida *Email* haqida ma'lumot kiritilgan bo'lsa YES aks holda NO qaytaring.

Input: *data* (*Dictionary*).
Output: *Natijani qaytaring*.

Exercise	**Solution**

`def func_digits_list(data):`
`  """`
`  Data verification`
 	
`  Parameters:`
`  Dictionary (dict): data dict.`
 	
`  Returns:`
`  str: The result YES or NO`
`  """`
`  return 0`	

Input:	**Output:**

`{`
`  "Name": "Jamol",`
`  "Age": 21,`
`  "City": "Namangan",`
`  "Job": "Driver",`
`  "Phone": 998949876543,`
`  "Email":`
`"jamol@gmail.com"`
`}`
	YES

Dict09.

Sizga ixtiyoriy **data** nomli *dictionary* berilgan. *key*, *value* sini alohida alohida listga taminlab qaytaring.

Input: *data* (*Dictionary*).
Output: *list1,list2*.

Exercise	**Solution**

`def func_digits_list(data):`
`  """`
`  Data separation`
 	
`  Parameters:`
`  Dictionary (dict): data dict.`
 	
`  Returns:`
`  str: The result List`
`  """`
`  return 0`	

Input:	**Output:**

`{`
`  1: "apple",`
`  2: "limon",`
`  3: "banana",`
`  4: "charry"`
`}`
	`[1, 2, 3, 4]`
	`["apple","limon","banana","charry"]`

Dict10.

Sizga **oldest** nomli bir guruh odamlar ismlari va yoshlaridan iborat *dictionary* berilgan. Shular orasindan *eng yoshi kattasini* qaytaring.

Input: *oldest* (*Dictionary*).
Output: *name* (*str*).

Exercise	**Solution**

`def func_digits_list(oldest):`
`  """`
`  Data max`
 	
`  Parameters:`
`  Dictionary (dict): data dict.`
 	
`  Returns:`
`  str: The result max`
`  """`
`  return 0`	

Input:	**Output:**

`{`
`  "Komil": 71,`
`  "Ilhom": 45,`
`  "Rustam": 15,`
`  "Sharof": 29`
`}`
	`Komil`