
Assignments

Q1(a). Create Dictionary of five person with data items within nested values we have name, age, birthdate.

```
-> var a = {  
    "p1": {"Name": "Asf", "Age": 23, "Birthdate": "14/08/2000"},  
    "P2": {"Name": "Kulsum", "Age": 18, "Birthdate": "05/10/2005"},  
    "P3": {"Name": "Yusuf", "Age": 22, "Birthdate": "06/07/2001"},  
    "P4": {"Name": "Amina", "Age": 14, "Birthdate": "16/12/2009"},  
    "P5": {"Name": "Kulsum", "Age": 18, "Birthdate": "05/10/2005"}  
}
```

```
print (a)
```

Output:

```
{  
    "p1": {"Name": "Asf", "Age": 23, "Birthdate": "14/06/2000"},  
    "P2": {"Name": "Kulsum", "Age": 18, "Birthdate": "05/10/2005"},  
    "P3": {"Name": "Yusuf", "Age": 22, "Birthdate": "06/07/2001"},  
    "P4": {"Name": "Amina", "Age": 14, "Birthdate": "16/12/2009"},  
    "P5": {"Name": "Kulsum", "Age": 18, "Birthdate": "05/10/2005"}  
}
```

(b) Display all the toys of person dictionary.

```
->
```

```
print (var, keys ())
```

Output:

```
dict_keys(['P1', 'P2', 'P3', 'P4', 'PS'])
```

(c) Display name of person 3.

```
→ print (var. get ("p3"))
```

```
output: {"Name": "Yusuf" "Age": 22, "Birthdate": "14/06/2001"}
```

(d) Display all the values of person Dictionary.

```
->
```

```
print (var. values ())
```

Output:

```
dict_values = ([  
    {"Name": "Asf", "Age": 23, "Birthdate": "14/06/2000"},  
    {"Name": "Kulsum", "Age": 18, "Birthdate": "05/10/2005"},  
    {"Name": "Yusuf", "Age": 22, "Birthdate": "06/07/2001"},  
    {"Name": "Amina", "Age": 14, "Birthdate": "16/12/2009"},  
    {"Name": "Kulsum", "Age": 18, "Birthdate": "05/10/2005"}  
])
```

(e) Add Sixth person in dictionary.

```
→ Var a2 = {"P6": {"Name": "Afsari Khan", "Age" 34", Birthdate" = "1/01/1979"}}
a.update (a2)
print (a)
```

Output:

```
{
  "p1": {"Name": "Asf", "Age": 23, "Birthdate": "14/06/2000"},
  "P2": {"Name": "Kulsum", "Age": 18, "Birthday": "05/10/2005"},
  "P3": {"Name": "Yusuf", "Age": 22, "Birthdate": "06/07/2001"},
  "P4": {"Name": "Amina", "Age": 14, "Birthdate": "16/12/2009"},
  "P5": {"Name": "Kulsum", "Age": 18, "Birthdate": "05/10/2005"},
  "P6": {"Name": "Afsari Khan", "Age" 34", Birthdate" = "1/01/1979"}
}
```

(f). Change the name Person2 (pushyal).

```
a ["p2"] ["Name"] = "Pushyal"
print (var)
```
