

Automation Test

You have a program that send you families status as json file.

The json describe the relation between people and their families.

Family contain kids and parents.

People describe each person information and Families describe their family relation.

“people” section:

Each person has:

- 5 digit ID
- Name
- Surname
- Age
- Family member - Can be “Kid” or “Parent”

“families” section:

Each family has:

- 7 digits number, 3 first digits must be “999” and after a “-” and 4 random digits
- Surname
- parents - A list of all parents names
- kids - A list of all kids names
- kids_num - how many kids in each family

Each person must belong to a family. Each family member must exist as a person.

Questions

Write an automatic test that validate this json.

Families json has this content:

```
{
  "people":[
    {
      "03954": {
        "name": "yoni",
        "surname": "shemesh",
        "age": 2,
        "family_member": "kid"
      },
      "01245": {
        "name": "shani",
        "surname": "shemesh",
        "age": 5,
        "family_member": "kid"
      },
      "02221": {
        "name": "yuval",
        "surname": "yakir",
        "age": 45,
        "family_member": "parent"
      },
      "45631": {
        "name": "peter",
        "surname": "shemesh",
        "age": 37,
        "family_member": "parent"
      },
      "85631": {
        "name": "sima",
        "surname": "shemesh",
        "age": 35,
        "family_member": "parent"
      },
      "21341": {
        "name": "lior",
        "surname": "yakir",
        "age": 46,
        "family_member": "parent"
      }
    }
  ],
  "families":[
    {
      "999-8234": {
        "surname": "shemesh",
        "has_kids": true,
        "parents": ["peter", "sima"],
        "kids": ["yoni", "shani"],
        "kids_num": 2
      }
    },
    {
      "999-8232": {
        "surname": "yakir",
        "has_kids": false,
        "parents": ["lior", "yuval"],
        "kids": null,
        "kids_num": 0
      }
    }
  ]
}
```