

# Configuration



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## **Configuration:**

**The way or manner in which components are arranged to make up a system.**

# Hardware

- Available memory,power management features,connected devices.display,drivers
- Configuration settings impact overall performance
- Configuration info can be obtained from the OS

# Software

- Configuration files
- Allows us to determine if an application can be run or not
- App configuration & sensitive information
- Aids users in optimal usage of the system

# Basic Structure of a configuration file

- Sections
- Key-value pairs

```
[account]  
status= active  
id= 374  
pin= 3627
```

```
[client]  
name= James  
surname= Bond  
profession= spy
```

# Configuration file formats

- ❖ XML, YAML, JSON
- ❖ Plain text
- ❖ Filename extensions: .cnf.  
.conf, .cgf, .cf, .ini etc.

# Example

Please select your age

 <b>WOMEN</b>	 <b>MEN</b>
15-25	15-25
26-35	26-35
36-45	36-45
46-55	46-55
55 Above	55 Above

```
{
  "genderRange" : [
    { "id" : 1,
      "name" : "MEN"},
    { "id" : 2,
      "name" : "WOMEN"}
  ],
  "ageGroupRange" : [
    { "id" : 1,
      "name" : "Below 15"},
    { "id" : 2,
      "name" : "15-25"},
    {
      "id" : 3,
      "name" : "26-35"},
    {
      "id" : 4,
      "name" : "36-45"},
    {
      "id" : 5,
      "name" : "46-55"},
    {
      "id" : 6,
      "name" : "55 & Above"}
  ]
}
```

# **Configuration Environment**

- **Development Environment**
- **Production Environment**



**Thank You !**