

**JARINGAN KOMPUTER  
SUBNETTING GAME**



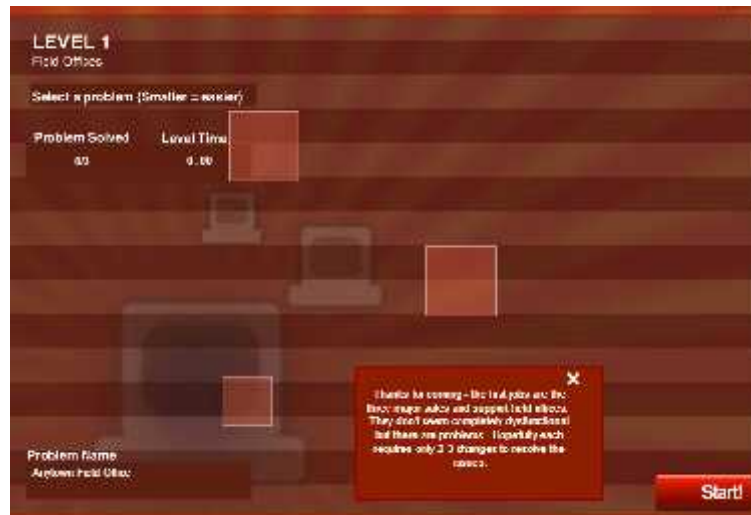
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**JURUSAN SISTEM KOMPUTER  
FAKULTAS ILMU KOMPUTER  
UNIVERSITAS SRIWIJAYA  
2017**

# SUBNETTING GAME

## 1.1 Level 1

Berikut adalah gambar ketika masuk pada level 1 :



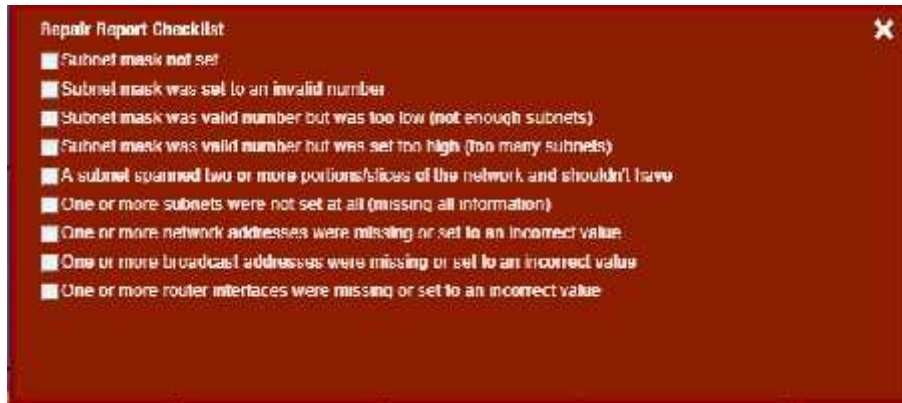
### Anytown Field Office

Karena membutuhkan 4 subnet, maka subnet mask di set dengan 255.255.255.192.



### Sales & Promotion

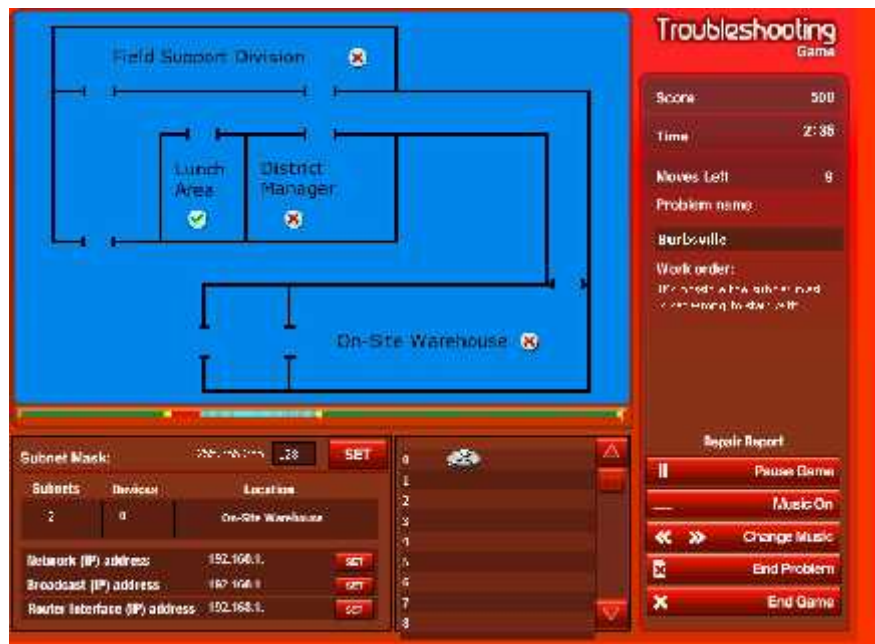
Network Address : 192.168.1.192  
 Broadcast Address : 192.168.1.255  
 Router Interface Address : 192.168.1.254



Repair Report Checklist diisi : 2 dan 6

### Burbsville

Karena membutuhkan 4 subnet, maka subnet mask di set dengan 255.255.255.192.



### District Manager

Broadcast : 192.168.1.191  
Router Interface : 192.168.1.190

### On-Site Warehouse

Network Address : 192.168.1.192  
Broadcast Address : 192.168.1.255  
Router Interface Address : 192.168.1.254

Repair Report Checklist : 3,5,6,7,8, dan 9

### Metropolis

Karena membutuhkan 8 subnet, maka Subnet Mask di set dengan 255.255.255.224.



### Office Support Staff

Network Address : 192.168.1.96

### Local IT

Network Address : 192.168.1.128

## On-Site Storage

Network Address : 192.168.1.224

Broadcast Address : 192.168.1.255

Router Interface Address : 192.168.1.254

Repair Report Checklist : 4 dan 7

### 1.2 Level 2

Berikut adalah gambar ketika masuk pada level 2 :



## Shipping and Receiving



### Dock 1

Network Address : 192.168.1.0

### Dock 2

Network Address : 192.168.1.64

Router Interface Address : 192.168.1.26

### Dock 3

Network Address : 192.168.1.128

### Dock 4

Network Address : 192.168.1.192

Repair Report Checklist : 7 dan 9

### Call Center



### Call Center Training

Network Address : 192.168.1.64  
 Broadcast Address : 192.168.1.127  
 Router Interface Address : 192.168.1.126

### Entrance and Management

Network Address : 192.168.1.192

Repair Report Checklist : 5,7,8, dan 9

### Manufacturing



### Cog Manufacturing

Network Address : 192.168.1.64  
 Broadcast Address : 192.168.1.95  
 Router Interface Address : 192.168.1.94

### Sprocket Manufacturing

Broadcast Address : 192.168.1.159  
 Router Interface Address : 192.168.1.158

Repair Report Checklist : 5,7,8,dan 9

### R + D Lab

Karena membutuhkan 8 subnet, maka subnet mask di set dengan 255.255.255.224.





### Machine Shop

Router Interface Address : 192.168.1.30

### Product Development

Router Interface Address : 192.168.1.62

### Safety

Router Interface Address : 192.168.1.94

### Library

Network Address : 192.168.1.96

Broadcast Address : 192.168.1.127

Router Interface Address : 192.168.1.126