

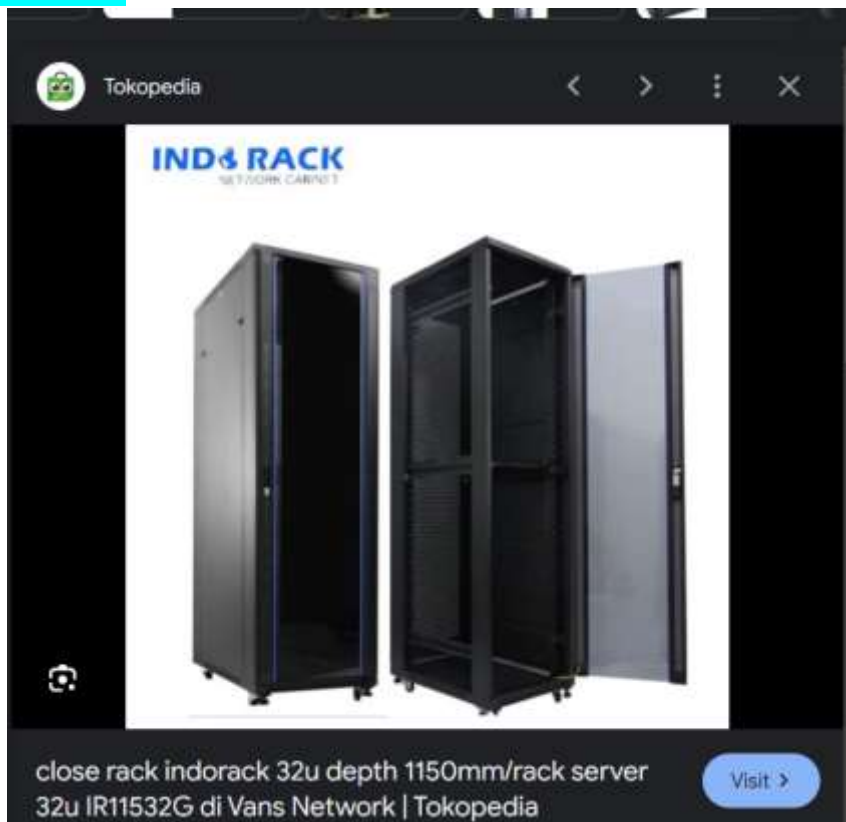


Exercise 1

Course: Object Based Programming

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1. RakServer



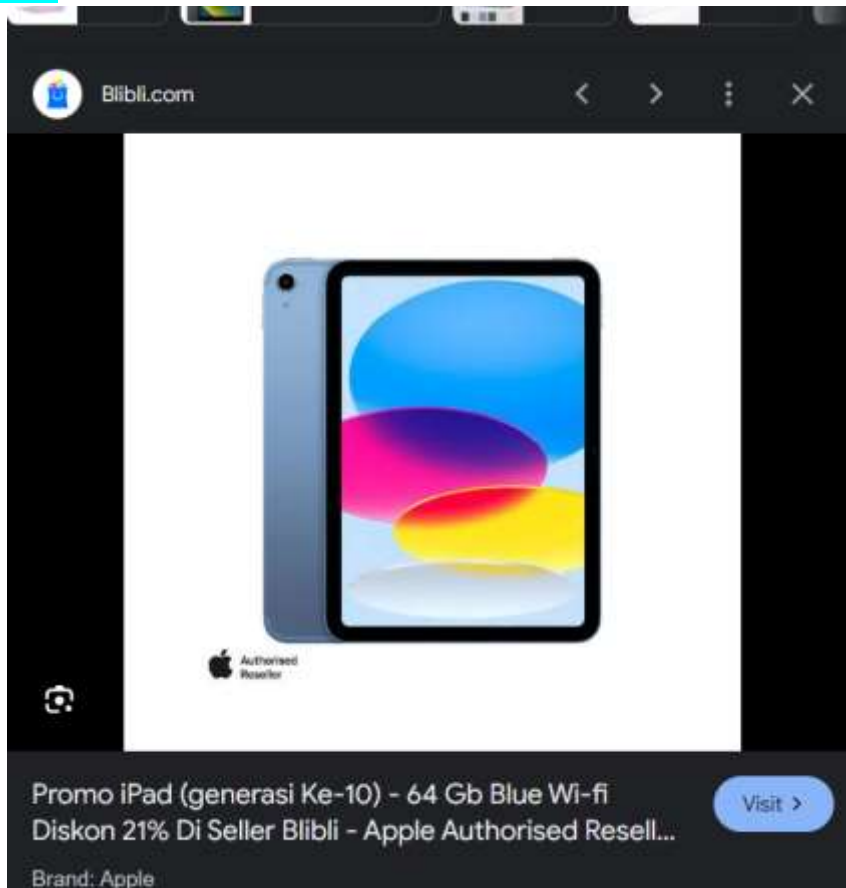
State (Attributes):

- Brand
- Capacity
- Number of Servers
- Status
- Location

Behavior (Methods):

- Add Server
- Remove Server
- Check Status
- Move Location

## 2. iPad



### State (Attributes):

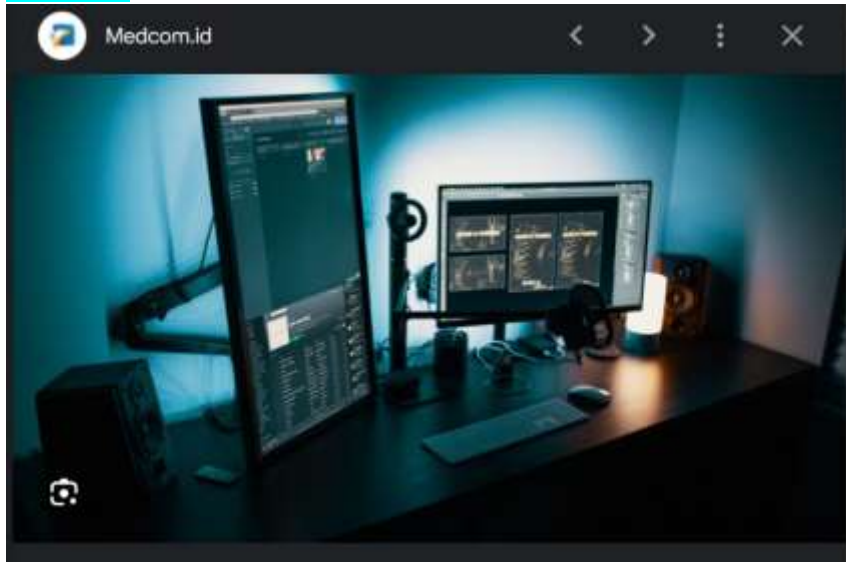
- Brand
- Model
- Battery Level
- Operating System
- Screen Size
- Storage Capacity
- Network Connection
- Camera Resolution

### Behavior (Methods):

- Turn On
- Turn Off
- Open App
- Take Photo
- Adjust Volume
- Charge Battery

- Connect to Internet
- Lock Screen
- Unlock Screen

### 3. Monitor



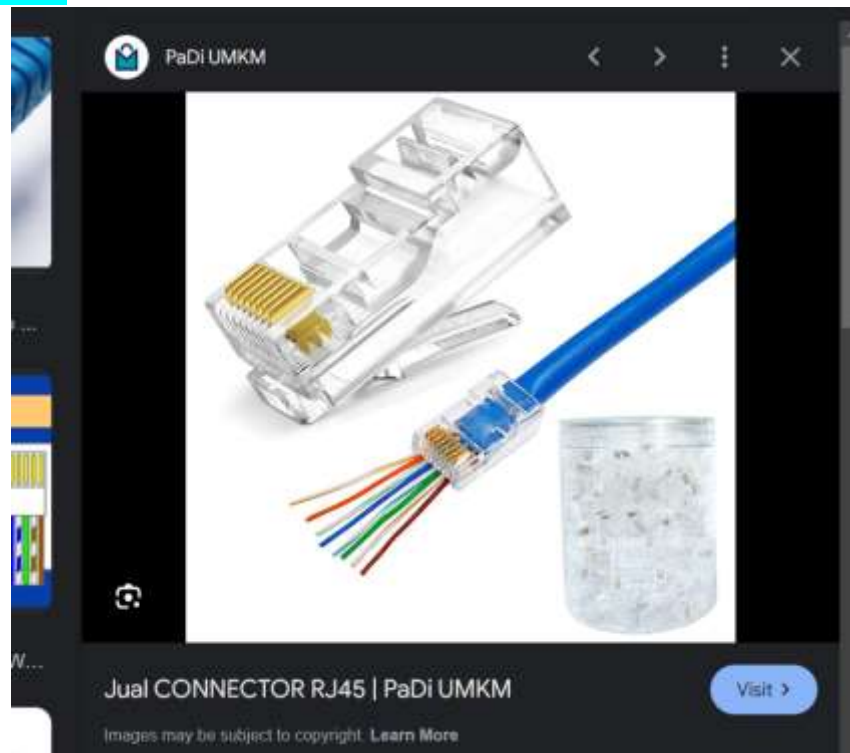
#### State (Attributes):

- Brand
- Screen Size
- Resolution
- Refresh Rate
- Input Ports
- Power Status
- Stand/bracket

#### Behavior (Methods):

- Turn On
- Turn Off
- Adjust Brightness
- Change Input Source
- Adjust Volume
- Adjust position

### 3. RJ45



#### State (Attributes):

- Cable Type
- Length
- Connector Type
- Color
- Shielding

#### Behavior (Methods):

- Connect
- Disconnect
- Test Connection
- Crimp

## 5. Nvidia RTX




### State (Attributes):

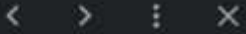
- Model
- Memory Size
- Core Clock Speed
- Memory Type
- Power Consumption
- Cooling Type



### Behavior (Methods):


- Render Graphics
- Perform Computations
- Adjust Fan Speed
- Monitor Temperature
- Update Drivers

RakServer
brand: String capacity: int numberOfServers: int status: String location: String
addServer(server: Server): void removeServer(server: Server): void checkStatus(): String moveLocation(newLocation: String): void

 Tokopedia







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iPad
brand: String model: String batteryLevel: int operatingSystem: String screenSize: float storageCapacity: int networkConnection: String cameraResolution: int
turnOn(): void turnOff(): void openApp(appName: String): void takePhoto(): void adjustVolume(level: int): void chargeBattery(): void connectToInternet(): void lockScreen(): void unlockScreen(): void



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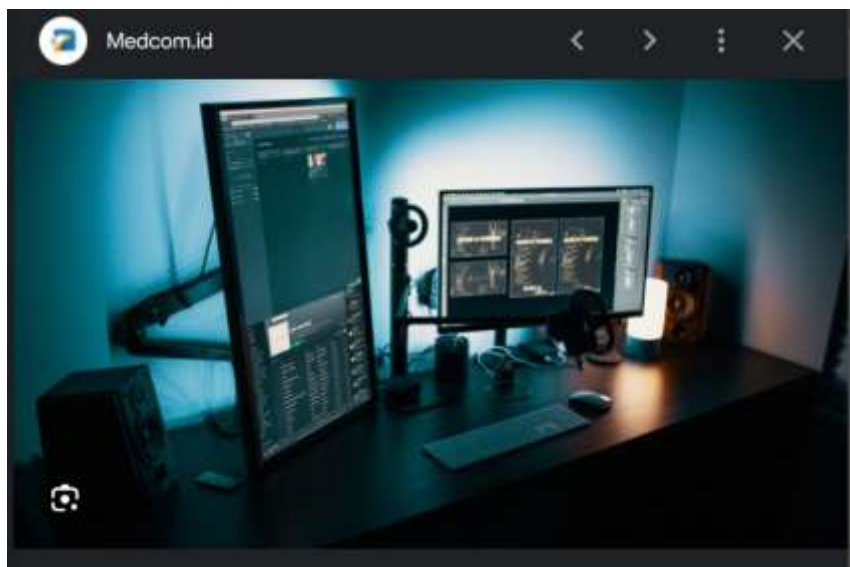
Promo iPad (generasi Ke-10) - 64 Gb Blue Wi-fi  
Diskon 21% Di Seller Blibli - Apple Authorised Resell...

Brand: Apple

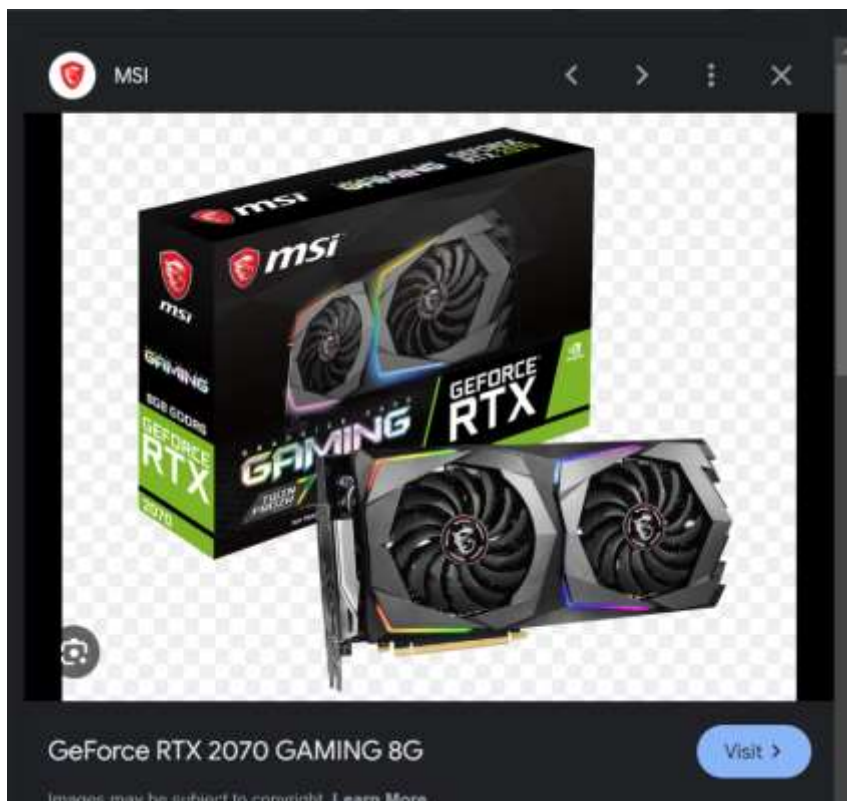
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Monitor
brand: String screenSize: float resolution: String refreshRate: int inputPorts: String powerStatus: String Stand/Bracker: String
turnOn(): void turnOff(): void adjustBrightness(level: int): void changeInputSource(source: String): void adjustVolume(level: int): void AdjustPosition:void





NvidiaRTX
model: String memorySize: int coreClockSpeed: float memoryType: String powerConsumption: int coolingType: String
renderGraphics(): void performComputations(): void adjustFanSpeed(speed: int): void monitorTemperature(): void updateDrivers(): void



RJ45
<div><div>cableType: String</div><div>length: float</div><div>connectorType: String</div><div>color: String</div><div>shielding: String</div></div>
<div><div>connect(): void</div><div>disconnect(): void</div><div>testConnection(): void</div><div>crimp(): void</div></div>

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### Jual CONNECTOR RJ45 | PaDi UMKM

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