**Experiment-09**

**Data Link Layer Traffic Simulation using Packet Tracer Analysis of CSMA/CD& CSMA/CA**

**Step1: 1 Hub and 6 PCs**

**A group of computer icons

AI-generated content may be incorrect.**

**Step2: connect fast ethernets from Hub to PCs**

**A diagram of a computer network

AI-generated content may be incorrect.**

**Step3: Assign IP address for each PCs**

**IP address for PC0:192.168.0.1**

**IP address for PC1: 192.168.0.2**

**IP address for PC2: 192.168.0.3**

**IP address for PC3: 192.168.0.4**

**IP address for PC4: 192.168.0.5**

**IP address for PC5: 192.168.0.6**

**Step4: allocate the message**

**A computer screen shot of a network

AI-generated content may be incorrect.**

**Result: message sent successfully from PC1-PC3**