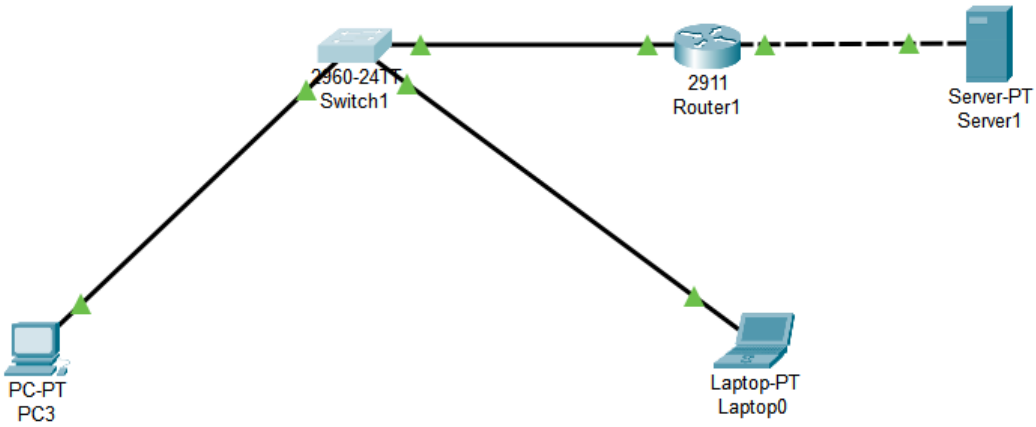
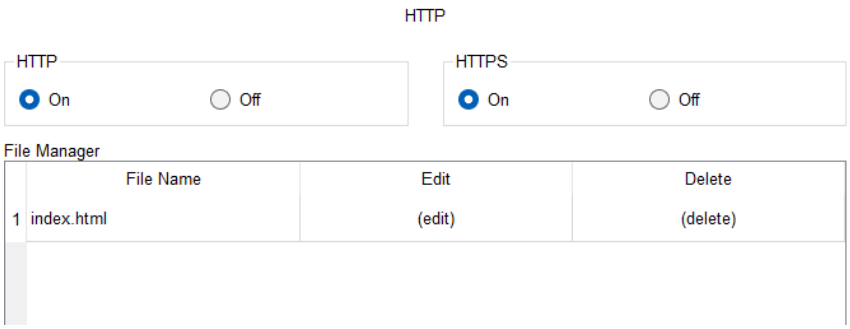
Practical – 3

Aim of the Practical :- Configuration of an Web Server in Cisco packet tracker.

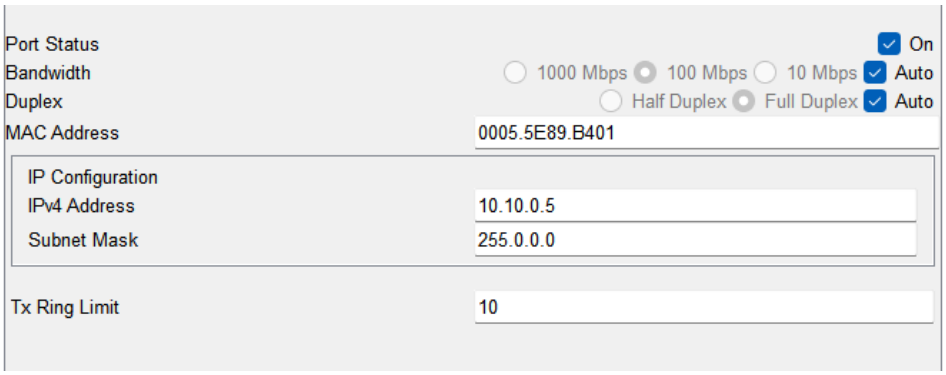
1. Create a single network using switch, End Devices and Server. Create a Web page on server and open it on Web Browser.

Ans:

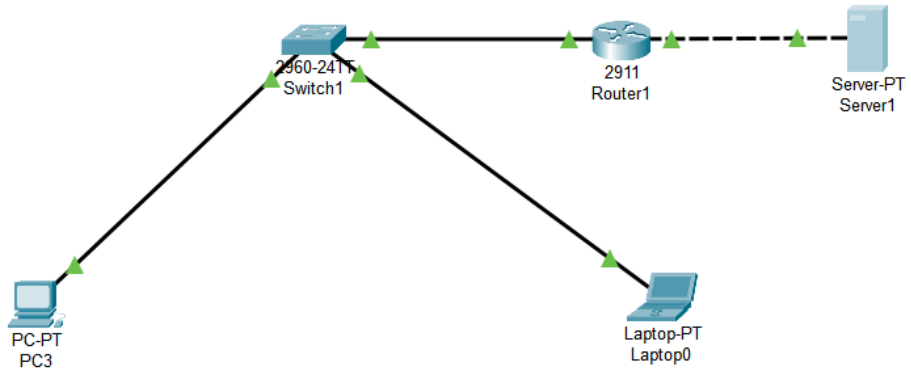




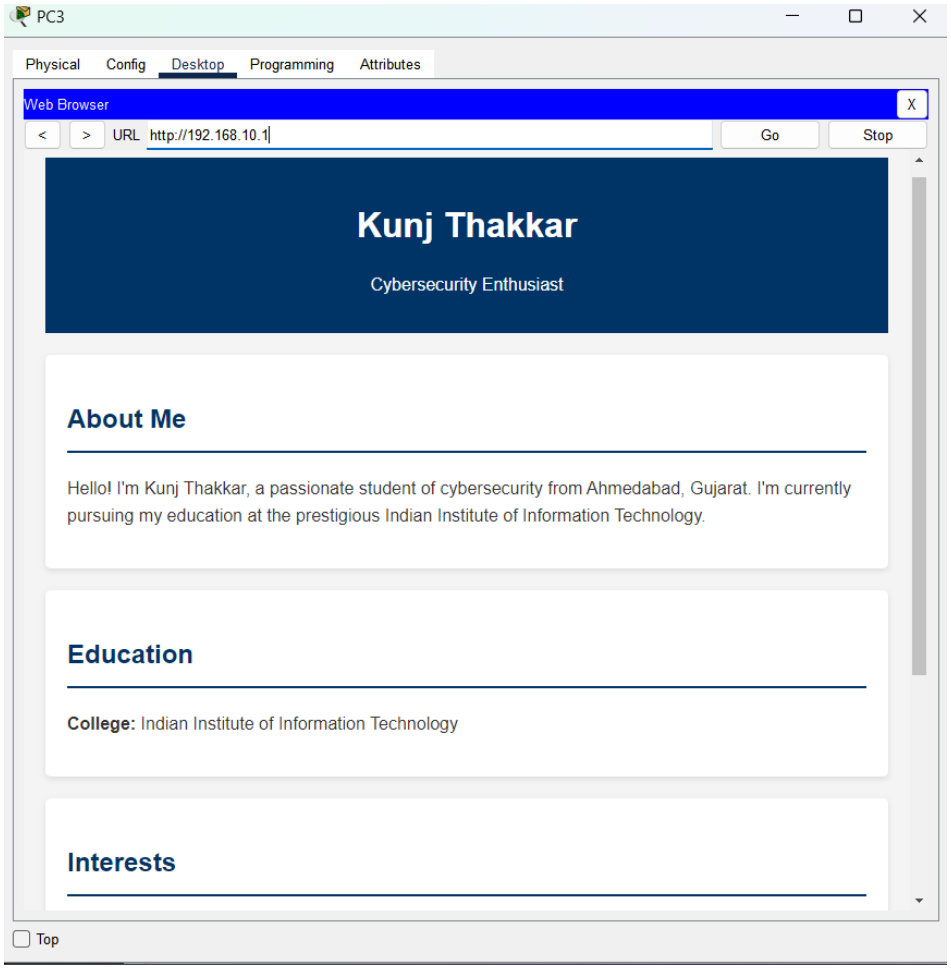
```
            margin-top: 20px;
            box-shadow: 0 2px 5px rgba(0,0,0,0.1);
        }
        .info h2 {
            color: #003366;
            border-bottom: 2px solid #003366;
            padding-bottom: 10px;
        }
    </style>
</head>
<body>
    <header>
        <h1>Kunj Thakkar</h1>
        <p>Cybersecurity Enthusiast</p>
    </header>

    <div class="info">
        <h2>About Me</h2>
        <p>Hello! I'm Kunj Thakkar, a passionate student of cybersecurity from Ahmedabad, Gujarat. I'm currently pursuing my education at the prestigious Indian Institute of Information Technology.</p>
    </div>

    <div class="info">
        <h2>Education</h2>
        <p><strong>College:</strong> Indian Institute of Information Technology</p>
    </div>

    <div class="info">
        <h2>Interests</h2>
        <p>I have a deep love for everything related to cybersecurity. This field fascinates me, and I'm constantly exploring new aspects of it to expand my knowledge and skills.</p>
    </div>
```



Connection Established, shown by green mark:



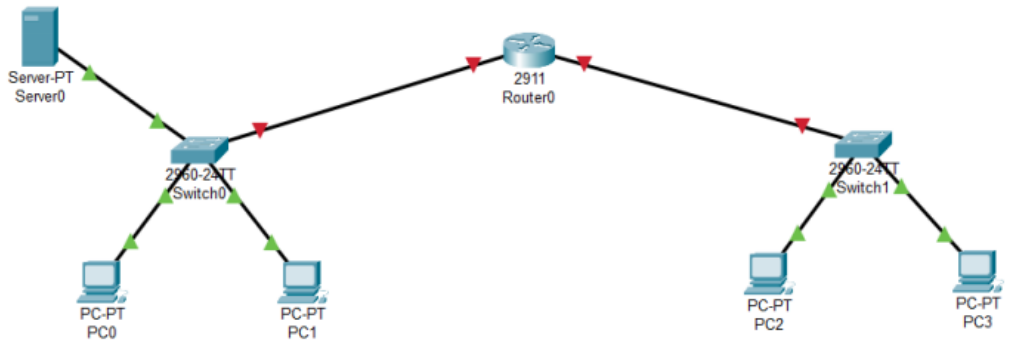
The IPv4 of the server is put in a browser of the PC. Which shows the webpage that was designed:



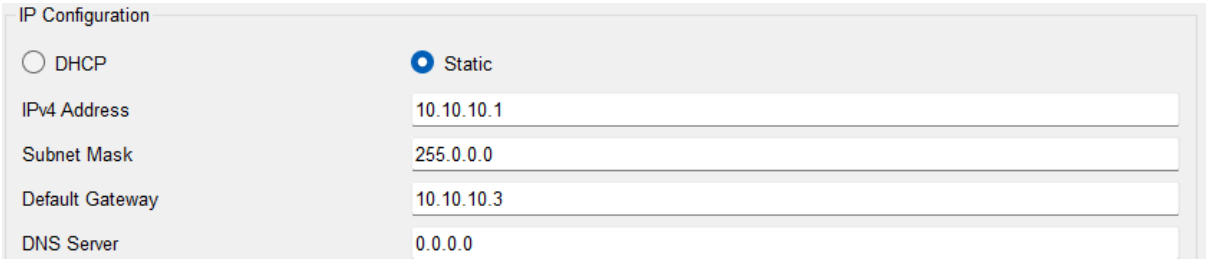
2. Create a two network using router, switch, End Devices and Server (End Devices and server will be connect in different network). Create a Web page on server and open it on Web browser.

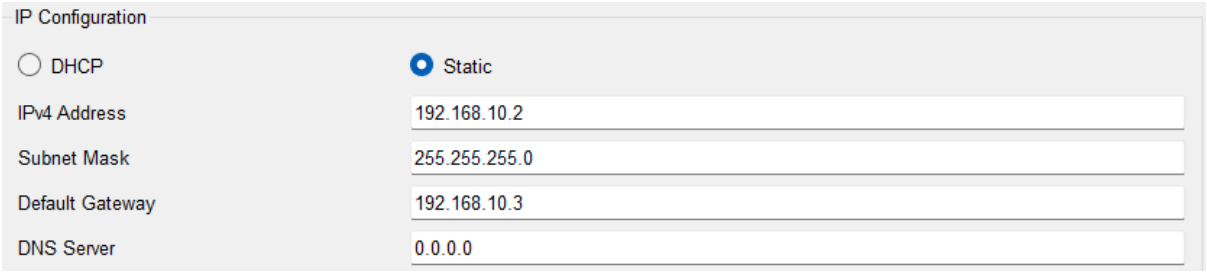
Ans.

Diagram of the connection:



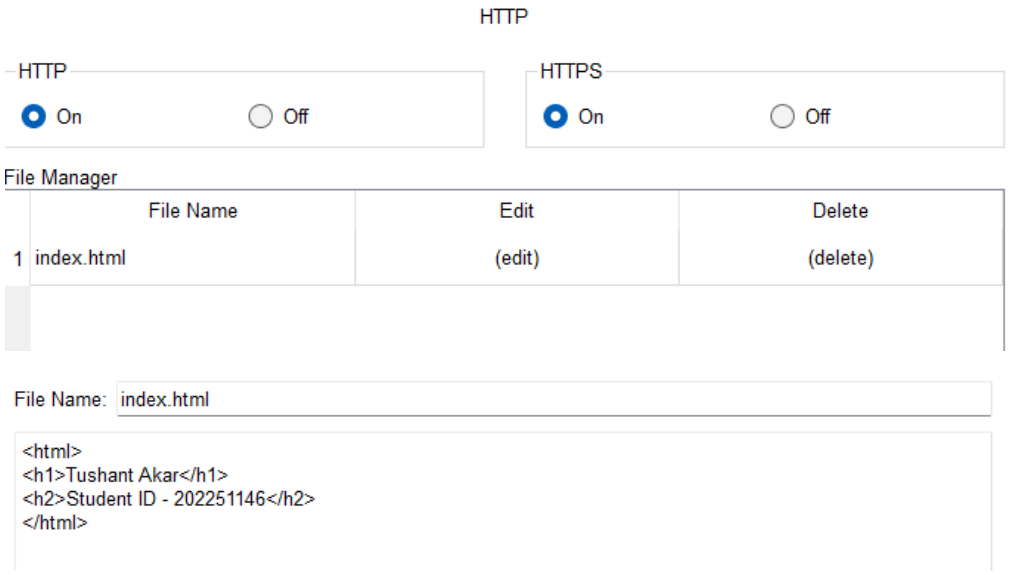
Setting the IPv4 of the End Devices, and the default gateway of the End Devices as well:



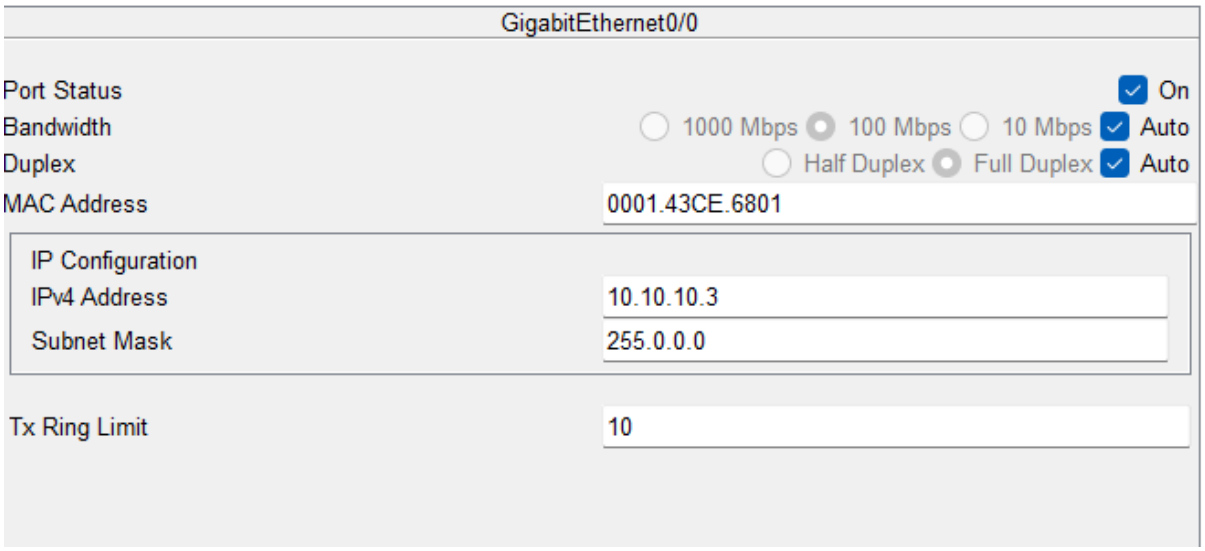


Note: PC0 and PC2 are in separate networks, denoted by different subnet mask.

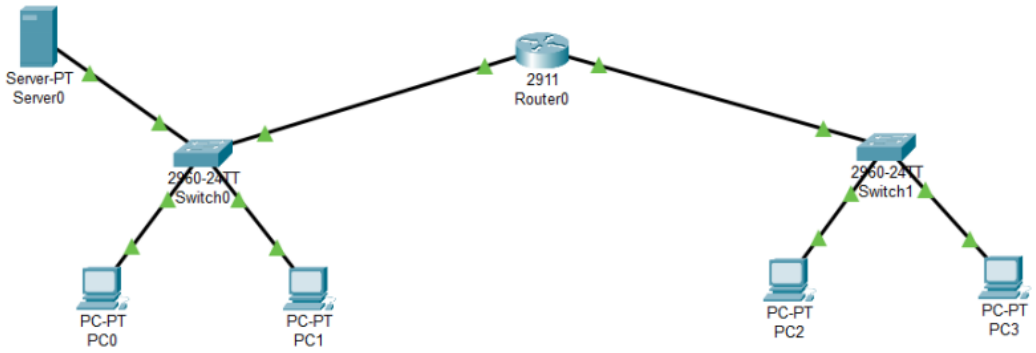
Enabling the http and https services of the server and also designing the webpage:



Setting the Gigabit Ethernet 0/0 and 0/1 ports for connecting the End Device and the router.



Connection established, shown by green mark:



The IPv4 of the server is put in a browser of the PC of a different network, which shows the webpage that was designed: