

Assignment-C11 (DHCP) – Output

Code

```
import paramiko
def install_dhcp_server(remote_host, username, password):
    # Create an SSH client
    ssh = paramiko.SSHClient()
    ssh.set_missing_host_key_policy(paramiko.AutoAddPolicy())
    try:
        # Connect to the remote machine
        ssh.connect(remote_host, username=username, password=password)
        # Update package list
        stdin, stdout, stderr = ssh.exec_command('sudo apt update')
        stdout.channel.recv_exit_status() # Wait for the command to complete
        # Install ISC DHCP Server
        stdin, stdout, stderr = ssh.exec_command('sudo apt install -y isc-
dhcp-server')
        stdout.channel.recv_exit_status() # Wait for the command to complete
        # Optional: you can add more commands to configure the DHCP server
here
        print("DHCP server installed successfully.")
    except Exception as e:
        print(f"An error occurred: {e}")
    finally:
        # Close the SSH connection
        ssh.close()
if __name__ == "__main__":
    remote_host = "172.16.2.164" # Replace with your remote machine's IP
    username = "admin1" # Replace with your SSH username
    password = "Pass@123" # Replace with your SSH password
    install_dhcp_server(remote_host, username, password)
```

Output

```
vim(base) admin1@401-22:~/c11$ vim C11.py
(base) admin1@401-22:~/c11$ python3 C11.py
DHCP server installed successfully.
(base) admin1@401-22:~/c11$ □
```