Create a bash script to gather information about netwok settings

1. **Basic System Information:**
   - hostname: Gets the system's hostname.
   - uname -s: Gets the operating system name.
   - uname -r: Gets the kernel version.
2. **Network Interface Information:**
   - ifconfig -a: Lists all network interfaces.
   - grep -v "inet6 addr" grep -v "HWaddr": Filters out IPv6 addresses and hardware addresses.
   - awk '{print $2}': Extracts the interface names.
   - > interfaces.txt: Saves the interface names to a file.
3. **IP Addresses:**
   - awk '{print $2}' interfaces.txt: Extracts the IP addresses from the interfaces file.
4. **Default Gateway:**
   - ip route | grep default | awk '{print $3}': Gets the default gateway.
5. **DNS Servers:**
   - grep nameserver /etc/resolv.conf | awk '{print $3}': Gets the DNS servers from the /etc/resolv.conf file.
6. **Printing Information:**
   - Prints the collected information in a formatted manner.