#!/bin/bash

# Function to run a command and log its output

run\_command() {

echo -e "\n$1"

eval $2

if [ $? -ne 0 ]; then

echo "Warning: The command encountered an error, but continuing with the script."

fi

}

# Function to pause before closing

pause() {

read -p "Press any key to continue or Ctrl+C to exit..."

}

# Install necessary dependencies

install\_dependencies() {

echo "Installing necessary dependencies..."

run\_command "sudo apt update" "Updating package lists..."

run\_command "sudo apt install -y cmake git build-essential libpng-dev wget curl" "Installing essential packages..."

}

# Install Box64

install\_box64() {

echo "Installing Box64..."

run\_command "git clone https://github.com/ptitSeb/box64.git" "Cloning Box64 repository..."

run\_command "cd box64 && mkdir build && cd build && cmake .. && make" "Building Box64..."

run\_command "cd box64/build && sudo make install" "Installing Box64..."

}

# Install Box86

install\_box86() {

echo "Installing Box86..."

run\_command "git clone https://github.com/ptitSeb/box86.git" "Cloning Box86 repository..."

run\_command "cd box86 && mkdir build && cd build && cmake .. && make" "Building Box86..."

run\_command "cd box86/build && sudo make install" "Installing Box86..."

}

# Install Wine

install\_wine() {

echo "Installing Wine..."

run\_command "wget -nc https://dl.winehq.org/wine-builds/winehq.key" "Downloading WineHQ key..."

run\_command "sudo apt-key add winehq.key" "Adding WineHQ key..."

run\_command "sudo add-apt-repository 'deb https://dl.winehq.org/wine-builds/ubuntu/ $(lsb\_release -cs) main'" "Adding Wine repository..."

run\_command "sudo apt update" "Updating package lists again..."

run\_command "sudo apt install --install-recommends winehq-stable -y" "Installing Wine Stable version..."

}

# Install DXVK

install\_dxvk() {

echo "Installing DXVK..."

run\_command "wget https://github.com/doitsujin/dxvk/releases/download/v2.3/dxvk-2.3.tar.gz" "Downloading DXVK..."

run\_command "tar -xvf dxvk-2.3.tar.gz" "Extracting DXVK..."

run\_command "cd dxvk-2.3 && sudo ./setup\_dxvk.sh install" "Installing DXVK..."

}

# Download and install Windows Steam

install\_steam() {

echo "Downloading Steam for Windows..."

run\_command "wget https://cdn.akamai.steamstatic.com/client/installer/SteamSetup.exe" "Downloading Steam installer..."

echo "Installing Steam using Wine..."

run\_command "wine SteamSetup.exe" "Running Steam installer..."

}

# Launch Steam with Box64 and Wine

launch\_steam() {

echo "Launching Steam..."

run\_command "wine ~/.wine/drive\_c/Program\\ Files/Steam/Steam.exe" "Launching Steam..."

}

# Main function

main() {

echo "Starting installation process..."

pause # Pause before starting the installation

install\_dependencies

install\_box64

install\_box86

install\_wine

install\_dxvk

install\_steam

launch\_steam

echo "Installation complete!"

pause # Pause before closing

}

main