## Compiler

CC = gcc

# Compiler flags (include directories)

CFLAGS = -g -Wformat=0 -I/home/student/Desktop/Capstone/include -I/usr/include/mysql

# Libraries

LIBS = -lm -lmysqlclient

# Directories

OBJDIR = /home/student/Desktop/Capstone/obj

SRCDIR = /home/student/Desktop/Capstone/src

BINDIR = /home/student/Desktop/Capstone/bin

SCRIPTDIR = /home/student/Desktop/Capstone/scripts.sh

# Source files

SRCFILES := $(wildcard $(SRCDIR)/\*.c)

# Object files

OBJFILES := $(patsubst $(SRCDIR)/%.c,$(OBJDIR)/%.o,$(SRCFILES))

# Bash scripts

SCRIPTS := $(wildcard $(SCRIPTDIR)/\*.sh)

# Target executable name

TARGET = /home/student/Desktop/Capstone/program-a

# Default target

all: $(TARGET) scripts

# Create the directories if they don't exist

$(shell mkdir -p $(OBJDIR) $(BINDIR))

# Rule to make object files

$(OBJDIR)/%.o: $(SRCDIR)/%.c

$(CC) $(CFLAGS) -c $< -o $@

# Linking the target executable

$(TARGET): $(OBJFILES)

$(CC) $^ $(LIBS) -o $@

# Copy scripts and set execute permissions

scripts: $(SCRIPTS)

cp $^ $(BINDIR)

chmod +x $(BINDIR)/\*.sh

# Clean target

clean:

rm -rf $(OBJDIR)/\*.o $(TARGET) $(BINDIR)/\*