

```
#!/bin/sh
```

```
# Variables
```

```
DB_USER="${DB_USER:-}"
```

```
DB_NAME="${DB_NAME:-}"
```

```
DB_HOST="${DB_HOST:-}"
```

```
DB_PORT="${DB_PORT:-}"
```

```
BACKUP_DIR=""${BACKUP_DIR:-}""
```

```
ARCHIVE_DIR=""${ARCHIVE_DIR:-}"
```

```
LOG_FILE=""${LOG_FILE:-}"
```

```
# Check if environment variables are set
```

```
if [[ -z "$DB_USER" || -z "$DB_NAME" || -z "$DB_HOST" || -z "$DB_PORT" || -z "$BACKUP_DIR" ||  
-z "$ARCHIVE_DIR" || -z "$LOG_FILE" ]]; then
```

```
    echo "One or more environment variables are not set. Please check your configuration." | tee -a  
$LOG_FILE
```

```
    exit 1
```

```
fi
```

```
DATE=$(date +%Y%m%d%H%M)
```

```
# Create a backup
```

```
echo "Starting database backup..." | tee -a $LOG_FILE
```

```
pg_dump -U $DB_USER -h $DB_HOST -p $DB_PORT -d $DB_NAME -F t -f  
$BACKUP_DIR/db_backup_${DATE}.tar >> $LOG_FILE 2>&1
```

```
echo "Database backup completed." | tee -a $LOG_FILE
```

```
# Move backups older than 7 days to the archive directory
```

```
echo "Moving backups older than 7 days to the archive directory..." | tee -a $LOG_FILE
```

```
find $BACKUP_DIR -type f -name '*.tar' -mtime +7 -exec mv {} $ARCHIVE_DIR \; >> $LOG_FILE
```

```
2>&1
```

```
echo "Move completed." | tee -a $LOG_FILE
```

```
# # Add a cron job to run this script every day at midnight
```

```
# echo "Setting up cron job..." | tee -a $LOG_FILE
```

```
# (crontab -l 2>/dev/null; echo "0 0 * * * /path/to/your/script.sh") | crontab -
```

```
# echo "Cron job setup completed." | tee -a $LOG_FILE
```