

## 27 calendar

```
#!/bin/bash
```

```
# Check if the user provided an argument
```

```
if [ "$#" -ne 1 ]; then
```

```
    echo "Usage: $0 <month_name>"
```

```
    echo "Example: $0 Feb (for February)"
```

```
    exit 1
```

```
fi
```

```
# Get the current year
```

```
YEAR=$(date +"%Y")
```

```
# Convert month name (case-insensitive) to a number
```

```
case "$(echo "$1" | tr '[:upper:]' '[:lower:]')" in
```

```
    jan|january)  MONTH=1 ;;
```

```
    feb|february) MONTH=2 ;;
```

```
    mar|march)    MONTH=3 ;;
```

```
    apr|april)    MONTH=4 ;;
```

```
    may)          MONTH=5 ;;
```

```
    jun|june)     MONTH=6 ;;
```

```
    jul|july)     MONTH=7 ;;
```

```
    aug|august)   MONTH=8 ;;
```

```
    sep|september) MONTH=9 ;;
```

```
    oct|october)  MONTH=10 ;;
```

```
    nov|november) MONTH=11 ;;
```

```
    dec|december) MONTH=12 ;;
```

```
*)
```

```
    echo "Error: Invalid month name. Use full name (e.g., 'February') or short form (e.g., 'Feb')."
```

```
    exit 1
```

```
;;
```

```
esac
```

```
# Print the calendar for the given month
```

```
cal "$MONTH" "$YEAR"
```