fachschaft informatik

# Haskell in Mattermost

# Haskell in Mattermost

Mattermost®

mattermost.fsinf.at

# Beispiele - 1

/haskell [Haskell Expression]

/haskell

lambdabot BOT 9:57 PM

Input

```
True && False
```

Output

```
False
```

# Beispiele - 2

/haskell head [1..]

lambdabot BOT 9:57 PM

Input

```
head [1 ..]
```

Output

```
1
```

# Beispiele - 3

/haskell let fac n = if n == 0 then 1 else n * fac (n - 1) in fac 10

lambdabot BOT 10:00 PM

Input

```
let fac n = if n == 0 then 1 else n * fac (n - 1) in fac 10
```

Output

```
3628800
```

# Beispiele - 4

/haskell let sieve (x : xs) = x : sieve [y | y <- xs, mod y x > 0]
in take 10 $ sieve [2 ..]

lambdabot BOT 11:49 PM

Input

```
let sieve (x : xs) = x : sieve [y | y <- xs, mod y x > 0]
 in take 10 $ sieve [2 ..]
```

Output

```
[2,3,5,7,11,13,17,19,23,29]
```

# Beispiele - 5

/haskell (1+2

**lambdabot** BOT 11:19 PM (Only visible to you)

Input

```
(1+2
```

Output

```
<hint>:1:5: error:
    parse error (possibly incorrect indentation or mismatched brackets)
```

# Beispiele - 6

/haskell (\x -> x + y) 2

lambdabot BOT 10:10 PM

Input

```
(\x -> x + y) 2
```

Output

```
2 + y
```

# Beispiele - 7

/haskell "Functional Programming " ++ "is fun"

lambdabot BOT 12:14 AM

Input

```
"Functional Programming " ++ "is fun"
```

Output

```
"Functional Programming is fun"
```

# Auf Mattermost anmelden

## Anmelden

- `mattermost.fsinf.at`
- Sign up (TU-student-eMail)
- Team: VoWi (W)Inf
- Channels pro LVA

Mattermost®

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