

lab0

August 27, 2025

```
[1]: print("Hello, World!")
```

Hello, World!

```
[13]: print(3+3)
```

6

```
[12]: print(3*3)
```

9

```
[11]: print(9/3)
```

3.0

```
[10]: name = "Henrik"
      Age = 45
      print(f"Hello, {name}! You are {Age} years old.")
```

Hello, Henrik! You are 45 years old.

```
[8]: for letter in "Henrik":
      print("Letters in my name printed one at a time:", letter)
```

Letters in my name printed one at a time: H
Letters in my name printed one at a time: e
Letters in my name printed one at a time: n
Letters in my name printed one at a time: r
Letters in my name printed one at a time: i
Letters in my name printed one at a time: k

```
[9]: for num in range(1, 11):
      print("This is iteration number: ", num)
```

This is iteration number: 1
This is iteration number: 2
This is iteration number: 3
This is iteration number: 4
This is iteration number: 5
This is iteration number: 6
This is iteration number: 7

```
This is iteration number: 8
This is iteration number: 9
This is iteration number: 10
```

```
[7]: num = 4
     if num > 5:
         print("Number is greater than 5")
     else:
         print("Number is not greater than 5")
```

Number is not greater than 5

```
[1]: value = "SUNDAY"

     match value.lower():
         case "monday":
             print("Start of the work week!")
         case "tuesday":
             print("Just another day.")
         case "wednesday":
             print("Midweek already!")
         case "thursday":
             print("Just another day.")
         case "friday":
             print("Almost weekend!")
         case "saturday" | "sunday":
             print("Weekend time!")
```

Weekend time!

```
[ ]:
```