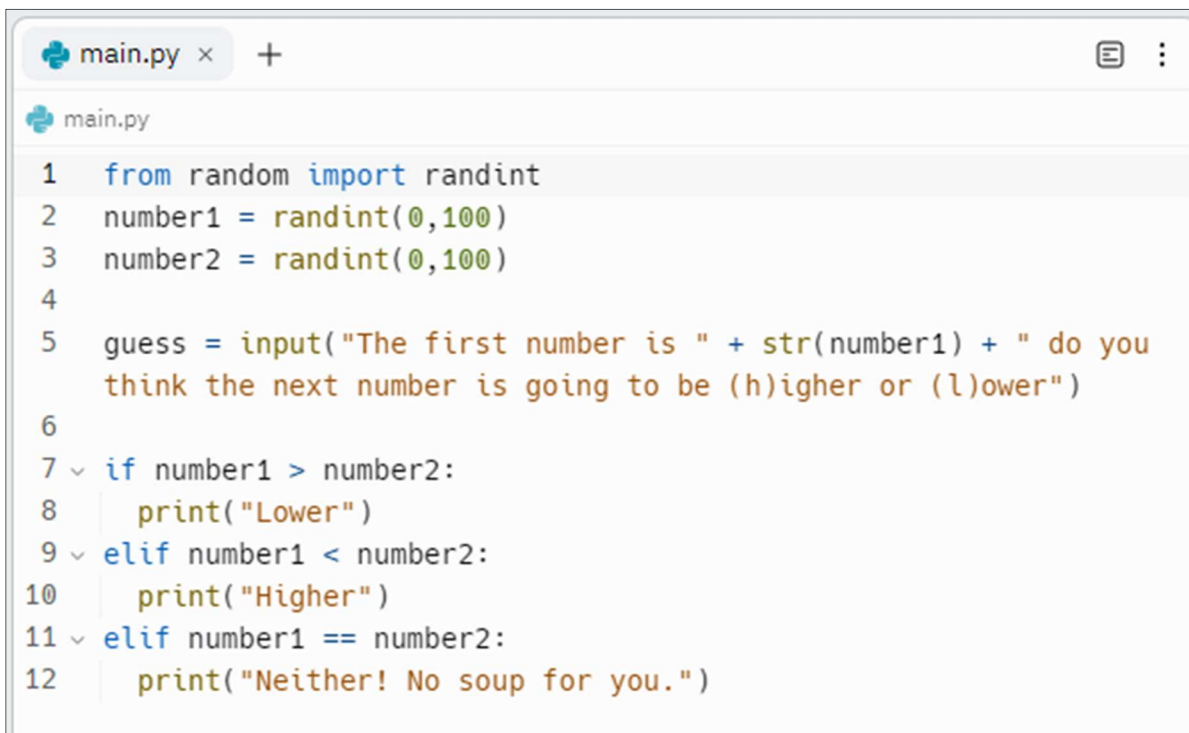


Python: Higher or Lower

1. Login to www.replit.com (if you don't have an account, you'll need to create one).
2. Create a new **Repl** for **Python** and name it **Higher or Lower**
3. Before you copy the code, what do you think is happening in the code?
4. Carefully type up the code (below).
5. Once the code has been copied select **run**. If you get a **Syntax Error** it means that there is a problem with the format of the code. Please check accuracy of capitalisation, spaces, brackets, quotation marks etc.
6. **Test** your code by selecting **run**. Type in names of people you might know! Just remember that the code uses a random number and so it is meant to be a bit of fun.



```
main.py x +
main.py
1 from random import randint
2 number1 = randint(0,100)
3 number2 = randint(0,100)
4
5 guess = input("The first number is " + str(number1) + " do you
  think the next number is going to be (h)igher or (l)ower")
6
7 if number1 > number2:
8     print("Lower")
9 elif number1 < number2:
10    print("Higher")
11 elif number1 == number2:
12    print("Neither! No soup for you.")
```

7. Add in **code comments** to your code to explain what all lines of code do.
E.g. `print(var4)` #this prints to the screen the value stored in var4
8. Describe what is a **conditional statement** and how does it work with If, Elif, Else?