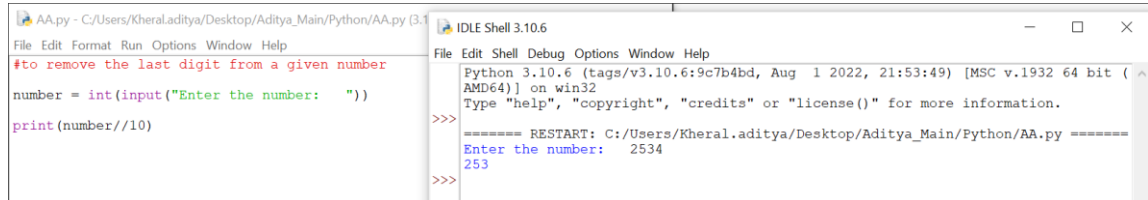


Operators

1. Write a python script to remove the last digit from a given number. (for example, if user enters 2534 then your output should be 253)

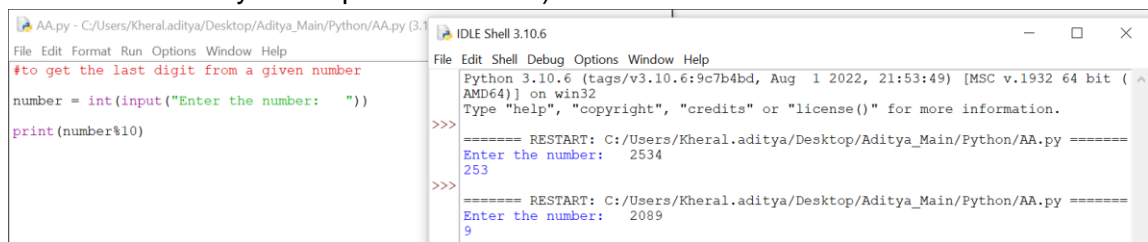


The screenshot shows a Python IDE with a file named 'AA.py' and an 'IDLE Shell 3.10.6' window. The script in 'AA.py' is as follows:

```
#to remove the last digit from a given number
number = int(input("Enter the number: "))
print(number//10)
```

The shell output shows the user entering '2534' and the program outputting '253'.

2. Write a python script to get the last digit from a given number. (for example, if user enters 2089 then your output should be 9)

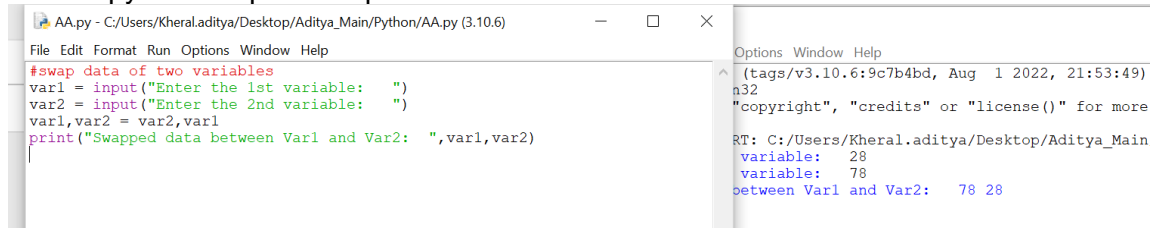


The screenshot shows a Python IDE with a file named 'AA.py' and an 'IDLE Shell 3.10.6' window. The script in 'AA.py' is as follows:

```
#to get the last digit from a given number
number = int(input("Enter the number: "))
print(number%10)
```

The shell output shows the user entering '2534' and the program outputting '253'. Then, the user enters '2089' and the program outputs '9'.

3. Write a python script to swap data of two variables

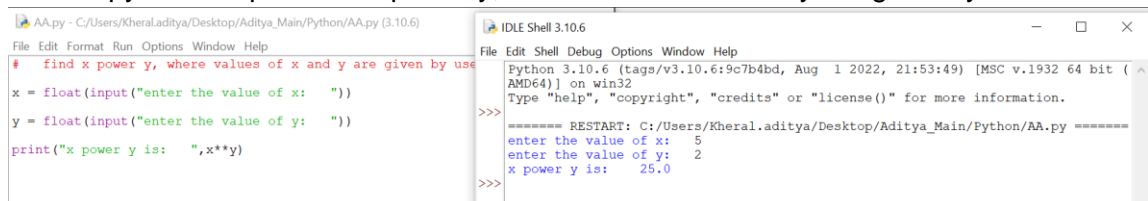


The screenshot shows a Python IDE with a file named 'AA.py' and an 'IDLE Shell 3.10.6' window. The script in 'AA.py' is as follows:

```
#swap data of two variables
var1 = input("Enter the 1st variable: ")
var2 = input("Enter the 2nd variable: ")
var1, var2 = var2, var1
print("Swapped data between Var1 and Var2: ", var1, var2)
```

The shell output shows the user entering '28' for the first variable and '78' for the second variable, with the program outputting 'Swapped data between Var1 and Var2: 78 28'.

4. Write a python script to find x power y, where values of x and y are given by user

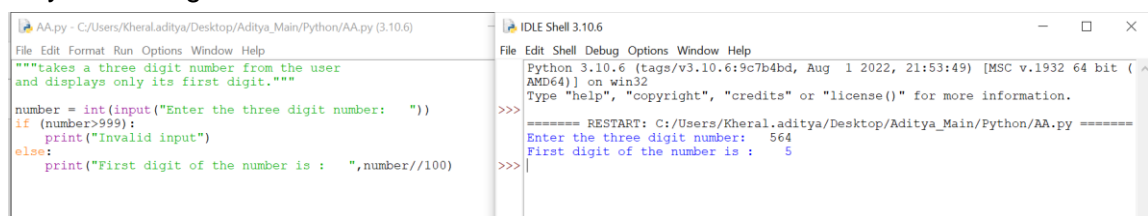


The screenshot shows a Python IDE with a file named 'AA.py' and an 'IDLE Shell 3.10.6' window. The script in 'AA.py' is as follows:

```
# find x power y, where values of x and y are given by user
x = float(input("enter the value of x: "))
y = float(input("enter the value of y: "))
print("x power y is: ", x**y)
```

The shell output shows the user entering '5' for x and '2' for y, with the program outputting 'x power y is: 25.0'.

5. Write a python script which takes a three digit number from the user and displays only its first digit.

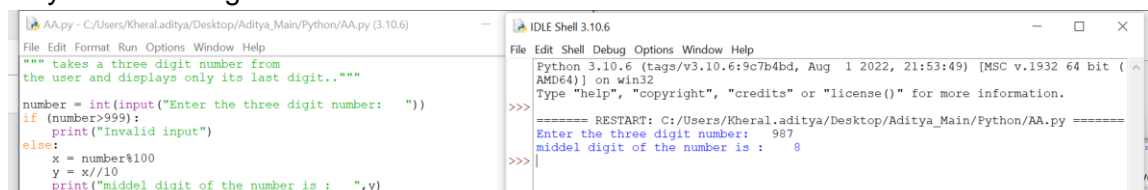


The screenshot shows a Python IDE with a file named 'AA.py' and an 'IDLE Shell 3.10.6' window. The script in 'AA.py' is as follows:

```
"""takes a three digit number from the user
and displays only its first digit."""
number = int(input("Enter the three digit number: "))
if (number > 999):
    print("Invalid input")
else:
    print("First digit of the number is : ", number//100)
```

The shell output shows the user entering '564' and the program outputting 'First digit of the number is : 5'.

6. Write a python script which takes a three digit number from the user and displays only its middle digit.



The screenshot shows a Python IDE with a file named 'AA.py' and an 'IDLE Shell 3.10.6' window. The script in 'AA.py' is as follows:

```
""" takes a three digit number from
the user and displays only its last digit."""
number = int(input("Enter the three digit number: "))
if (number > 999):
    print("Invalid input")
else:
    x = number%100
    y = x//10
    print("Middel digit of the number is : ", y)
```

The shell output shows the user entering '987' and the program outputting 'Middel digit of the number is : 8'.

7. Write a python script which takes a three digit number from the user and displays only its last digit.

```

AA.py - C:/Users/Kheral.aditya/Desktop/Aditya_Main/Python/AA.py (3.10.6)
File Edit Format Run Options Window Help
""" takes a three digit number from
the user and displays only its last digit.."""

number = int(input("Enter the three digit number: "))
if (number>999):
    print("Invalid input")
else:
    print("Last digit of the number is : ",number%10)

IDLE Shell 3.10.6
File Edit Shell Debug Options Window Help
Python 3.10.6 (tags/v3.10.6:9c7b4bd, Aug 1 2022, 21:53:49) [MSC v.1932 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/Kheral.aditya/Desktop/Aditya_Main/Python/AA.py =====
Enter the three digit number: 978
Last digit of the number is : 8
>>>

```

8. Write a python script to use IN operator to display the data present in the list

```

AA.py - C:/Users/Kheral.aditya/Desktop/Aditya_Main/Python/AA.py (3.10.6)
File Edit Format Run Options Window Help
#python script to use IN operator to display the data present in the list
data = input("Enter the Data: ")
ufind = input("Enter the input you want to find in the data: ")
if ufind in data:
    print("Yes input is present in the data")
else:
    print("No the input is not present in data")

IDLE Shell 3.10.6
File Edit Shell Debug Options Window Help
Python 3.10.6 (tags/v3.10.6:9c7b4bd, Aug 1 2022, 21:53:49) [MSC v.1932 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/Kheral.aditya/Desktop/Aditya_Main/Python/AA.py =====
Enter the Data: aditya
Enter the input you want to find in the data: i
Yes input is present in the data
>>>
===== RESTART: C:/Users/Kheral.aditya/Desktop/Aditya_Main/Python/AA.py =====
Enter the Data: aditya
Enter the input you want to find in the data: m
No the input is not present in data
>>>

```

9. Write a python script to use NOT IN operator to display the data not present in list

```

AA.py - C:/Users/Kheral.aditya/Desktop/Aditya_Main/Python/AA.py (3.10.6)
File Edit Format Run Options Window Help
#python script to use IN operator to display the data present in the list
data = input("Enter the Data: ")
ufind = input("Enter the input you want to find in the data: ")
if ufind not in data:
    print("No the input is not present in data")
else:
    print("Yes input is present in the data")

IDLE Shell 3.10.6
File Edit Shell Debug Options Window Help
Python 3.10.6 (tags/v3.10.6:9c7b4bd, Aug 1 2022, 21:53:49) [MSC v.1932 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/Kheral.aditya/Desktop/Aditya_Main/Python/AA.py =====
Enter the Data: aditya
Enter the input you want to find in the data: t
Yes input is present in the data
>>>
===== RESTART: C:/Users/Kheral.aditya/Desktop/Aditya_Main/Python/AA.py =====
Enter the Data: aditya
Enter the input you want to find in the data: m
No the input is not present in data
>>>

```

10. Write a python script to use IS operator to display if both variables are the same object or not?

```

AA.py - C:/Users/Kheral.aditya/Desktop/Aditya_Main/Python/AA.py (3.10.6)
File Edit Format Run Options Window Help
#use IS operator to display if both variables are the same object
a = "Aditya"
b = "Aditya"
if a is b:
    print("same ")
else:
    print("Different")

IDLE Shell 3.10.6
File Edit Shell Debug Options Window Help
Python 3.10.6 (tags/v3.10.6:9c7b4bd, Aug 1 2022, 21:53:49) [MSC v.1932 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/Kheral.aditya/Desktop/Aditya_Main/Python/AA.py =====
same
>>>

```