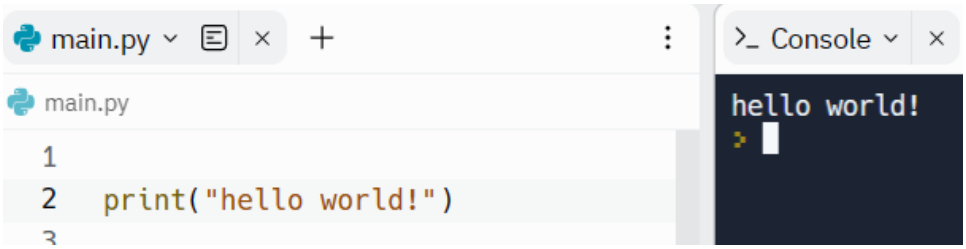
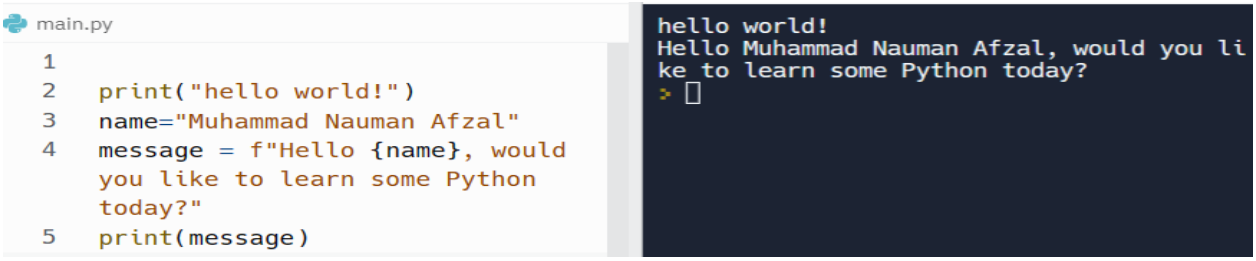
BWF-Deep Learning Task 3 & 4 by Muhammad Nauman Afzal

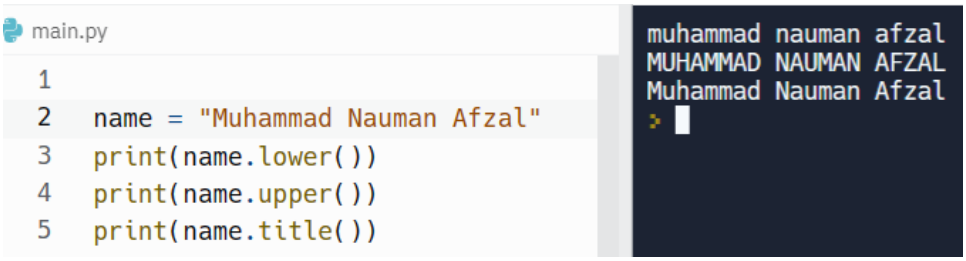
Print “Hello world”



2-3. Personal Message: Store a person’s name in a variable and print a message to that person. Your message should be simple, such as, “Hello Eric”.

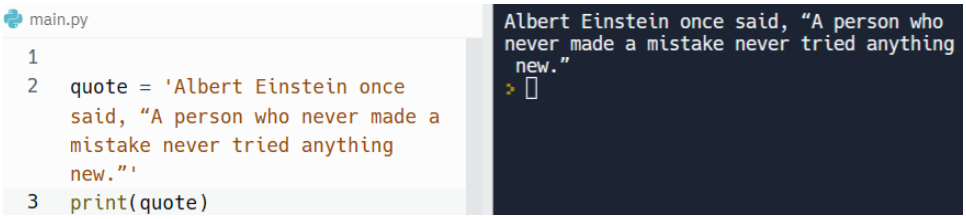


2-4 Store a person’s name in a variable, and then print that person’s name in lowercase, uppercase, and titlecase.



2-5. Famous Quote: Find a quote from a famous person you admire. Print the quote and the name of its author. Your output should look something like the following, including the quotation marks:

Albert Einstein once said, “A person who never made a mistake never tried anything new.”



2-6. Famous Quote 2: Repeat Exercise 2-5, but this time store the famous person's name in a variable called famous_person. Then compose your message and store it in a new variable called message. Print your message.

main.py

```
1  famous_person = "Albert Einstein"
2  message = f'{famous_person} once
   said, "A person who never made a
   mistake never tried anything
   new."'
3  print(message)
```

```
Albert Einstein once said, "A person who
never made a mistake never tried anything
 new."
>
```

2-7. Stripping Names: Store a person's name, and include some whitespace characters at the beginning and end of the name. Make sure you use each character combination, "\t" and "\n", at least once. Print the name once, so the whitespace around the name is displayed.Then print the name using each of the three stripping functions, lstrip(), rstrip(), and strip().

main.py

```
1  name = "\tMuhammad Nauman
   Afzal\n"
2  print(f"Unmodified: {name}")
3  print(f"Using lstrip():
   {name.lstrip()}")
4  print(f"Using rstrip():
   {name.rstrip()}")
5  print(f"Using strip():
   {name.strip()}")
```

```
Unmodified:     Muhammad Nauman Afzal

Using lstrip(): Muhammad Nauman Afzal

Using rstrip():     Muhammad Nauman Afzal
Using strip(): Muhammad Nauman Afzal
>
```

2-8 Numbers

main.py

```
1  print(5 + 3)
2  print(10 - 2)
3  print(4 * 2)
4  print(16 / 2)
```

```
8
8
8
8.0
>
```

2-9 Favorite Numbers

main.py

```
1  favorite_number = 365
2  message = f"My favorite number
   is {favorite_number}."
3  print(message)
```

```
My favorite number is 365.
>
```

Lists

main.py

```
names = ["Hamza", "Musharaf", "Bilal"]
for name in names:
    print(name)
```

```
Hamza
Musharaf
Bilal
>
```

Greetings

main.py

```
names = ["Hamza", "Musharaf", "Bilal"]
for name in names:
    print(f"Hello {name}, how are you?")
```

```
Hello Hamza, how are you?
Hello Musharaf, how are you?
Hello Bilal, how are you?
>
```

My own List

main.py

```
transportation = ["Honda motorcycle", "Tesla car", "SUV BMW"]
for vehicle in transportation:
    print(f"I would like to own a {vehicle}.")
```

```
I would like to own a Honda motorcycle.
I would like to own a Tesla car.
I would like to own a SUV BMW.
>
```

Changing, Adding, and Removing Elements

main.py

```
guests = ['Tayyab Rajab Erdugan', 'Saad Hussain Rizvi', 'Imran Khan']

for guest in guests:
    print(f'Dear {guest}, I would be honored if you could join me for dinner.')
```

```
Dear Tayyab Rajab Erdugan, I would be honored if you could join me for dinner.
Dear Saad Hussain Rizvi, I would be honored if you could join me for dinner.
Dear Imran Khan, I would be honored if you could join me for dinner.
>
```

main.py

```python
guests = ['Erdugan', 'Imran khan', 'Saad Rizvi']

for guest in guests:
    print(f'Dear {guest}, I would be honored if you could join me for dinner.')

print(f'\nUnfortunately, {guests[1]} cannot make it to the dinner.\n')

guests[1] = 'Raheel Sharif'

for guest in guests:
    print(f'Dear {guest}, I would be honored if you could join me for dinner.')
```

```
Dear Erdugan, I would be honored if you could join me for dinner.
Dear Imran khan, I would be honored if you could join me for dinner.
Dear Saad Rizvi, I would be honored if you could join me for dinner.

Unfortunately, Imran khan cannot make it to the dinner.

Dear Erdugan, I would be honored if you could join me for dinner.
Dear Raheel Sharif, I would be honored if you could join me for dinner.
Dear Saad Rizvi, I would be honored if you could join me for dinner.
```

Tuples

main.py

```python
foods = ('pizza', 'pasta', 'salad', 'soup', 'bread')

print('Original menu:')
for food in foods:
    print(food)

foods = ('Paratha', 'Chay', 'Chanay', 'Lassi', 'makhan')

print('\nRevised menu:')
for food in foods:
    print(food)
```

```
Original menu:
pizza
pasta
salad
soup
bread

Revised menu:
Paratha
Chay
Chanay
Lassi
makhan
```

End