

AL NAFI, A company with a focus on education, wellbeing and renewable energy.

Python Alpha 900a

Functions in Python

Forty Hadith on the importance of Knowledge, learning and Teaching.

Hadith #5

Abu Bakrah reported, I heard the Prophet Peace be upon him saying:

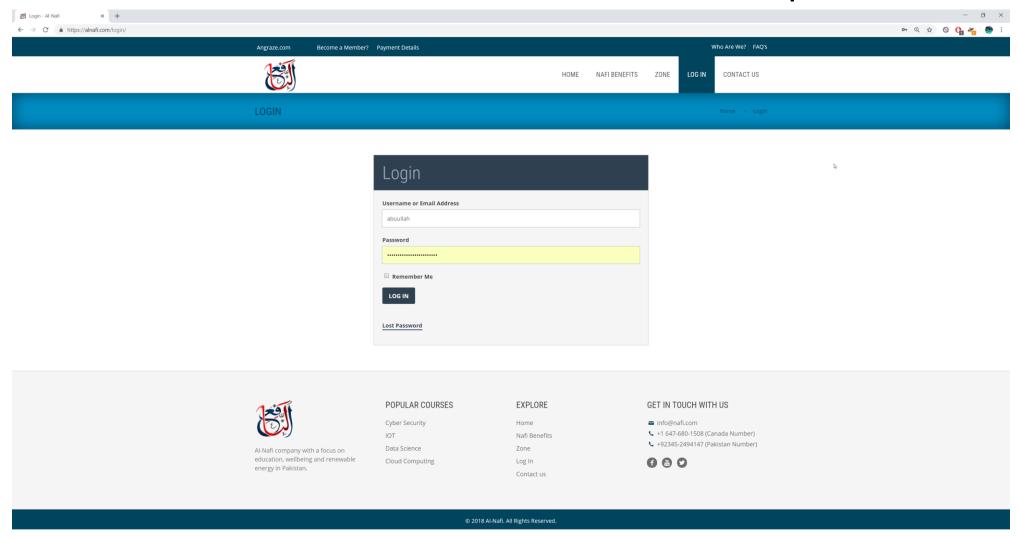
"You should be a scholar, or a student, or a listener, or a lover of 'Ilm and scholars, and you should not be the fifth which makes you perish. 'Ata, said, Mis'ar said to me: you added a fifth point we do not have. The fifth point is: to hate 'Ilm and its people."

(AT Tabarani; Al Bazzar)

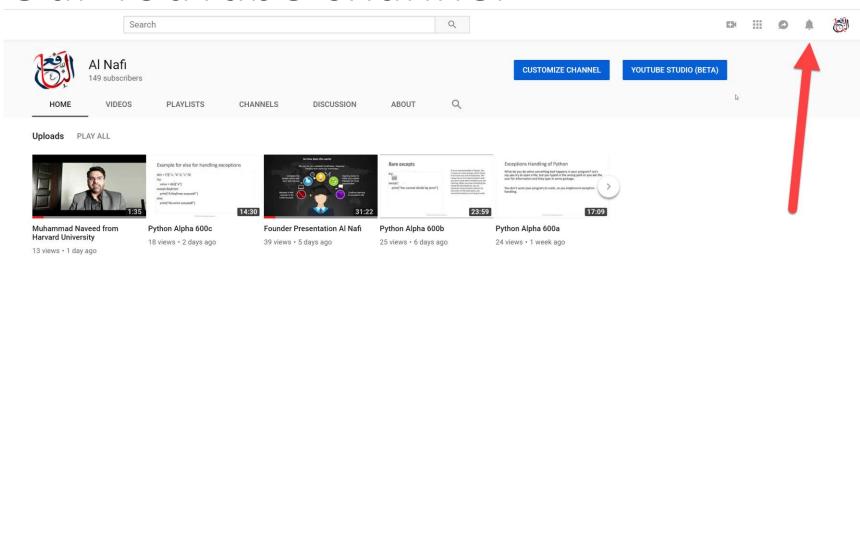
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Keyword Arguments

Functions also need keyword arguments!

They can accept both regular and keyword arguments.

What this means is that we can specify which keyword are which and pass them in.

For example

```
def keyword_function(a=1 , b=2):
  return a+b
```

keyword_function(b=4, a=5)

Default argument keyword!

Now this is also known as default argument

```
def keyword_function(a=1 , b=2):
  return a+b
```

```
If we type
keyword_function()
```

Mixed functions ©

Lets create a function which has both regular and keyword arguments

```
def mixed_function(a, b=2, c=3):
  return a+b+c
```

Example continued!

mixed_function(b=4, c=5)

But if we try this

mixed_function(1, b=4, c=5)

And if we try mixed_function(1)



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