Accuknox Assignment

Submission by :

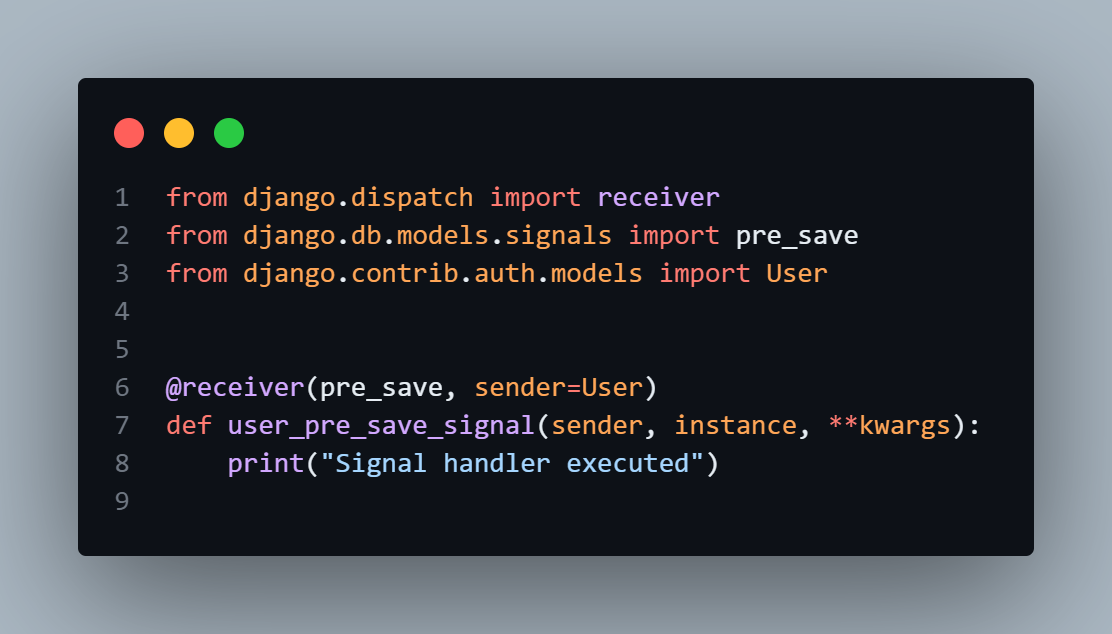
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1. Django Signals are executed synchronously by default, which basically means that the signal handlers are executed immediately after the signal is triggered, in the same process and thread in which the code is executed.

**Snippets:**

Signals.py:

****

**Views.py**

**A screen shot of a computer screen

Description automatically generated**

**Urls.py:  
A screen shot of a computer program

Description automatically generated**

**The following outputs include :**

**Terminal :**

**A screen shot of a computer

Description automatically generated**

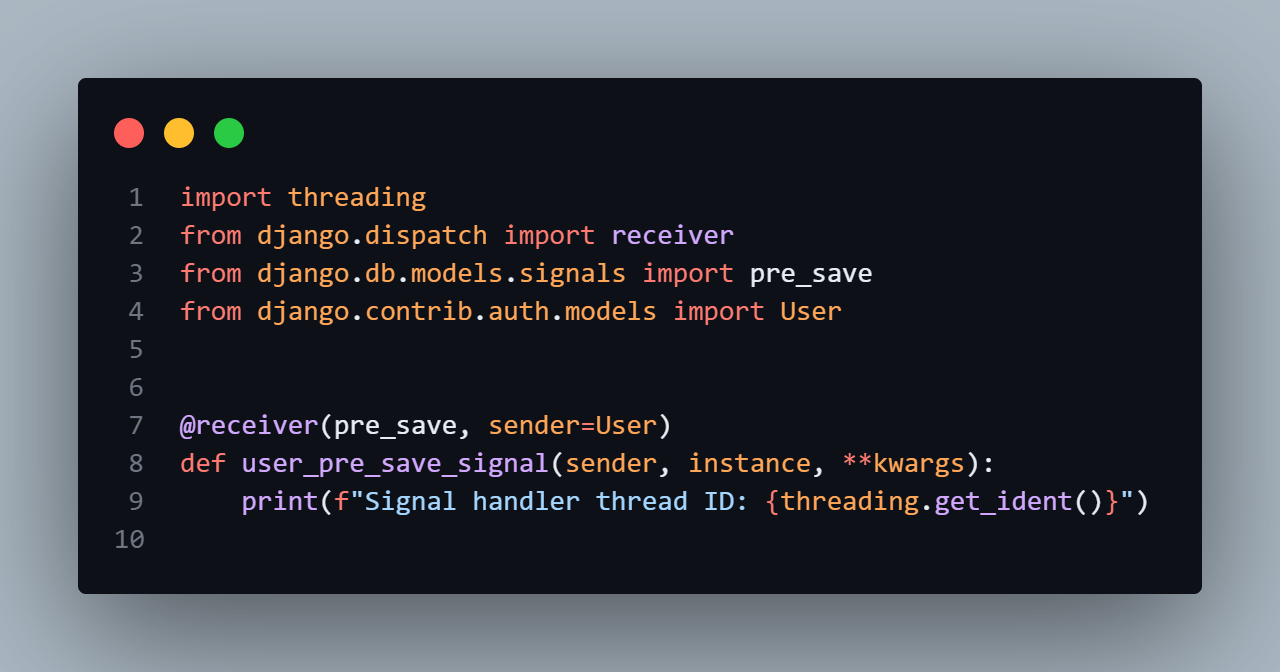
**HTTP Response :**

**A screenshot of a computer

Description automatically generated**

1. Yes, Django signals are handled synchronously, meaning that a particular signal is triggered and will be executed in the same thread.

**Snippets :**

**Signals.py  
**

**Views.py**

A screen shot of a computer screen

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**Urls.py**

A screen shot of a computer program

Description automatically generated

**THE FOLLOWING OUTPUTS INCLUDE :**

TERMINAL :   
A screen shot of a computer

Description automatically generated

**HTTP RESPONSE :**

A screenshot of a computer

Description automatically generated

1. Django signals run in the same database transaction as the caller.In a database transaction the signal will be emitted and executed in the same thread.

**SNIPPETS :**

**Models.py**

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**Signals.py:**

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**Views.py   
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**Admin.py   
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**Output in :   
HTTP Response :**

**A screenshot of a computer

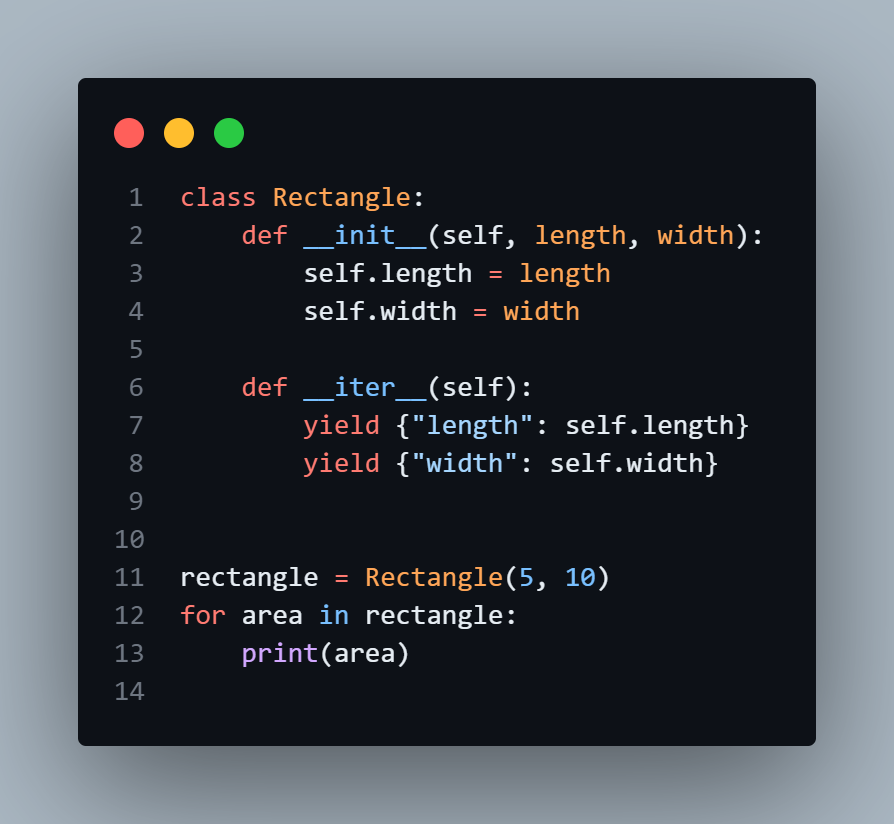
Description automatically generated**

**ADMIN :**

**A screenshot of a computer

Description automatically generated**

**CUSTOM CLASSES**



Output :

A black screen with white text

Description automatically generated