

Сам даг:

from airflow import DAG

*2*from airflow.operators.python import PythonOperator, BranchPythonOperator

*3*from airflow.operators.bash import BashOperator

*4*from datetime import datetime

*5*from random import randint

*6*import requests

*7*

*8*dag = DAG("hometask\_dag",

*9* start\_date=datetime(2021, 1 ,1),

*10* schedule\_interval='@daily',

*11* catchup=False)

*12*

*13*def square\_random\_num():

*14* num = randint (1, 1000)

*15* square\_num = num \*\* 2

*16* print(f"Number is {num}, it's square is {square\_num}")

*17*

*18*random\_num\_operator = BashOperator(

*19* task\_id="random\_task",

*20* bash\_command="echo $[(RANDOM %100)]",

*21* dag = dag

*22* )

*23*

*24*square\_num\_operator = PythonOperator(

*25* task\_id="square\_task",

*26* python\_callable=square\_random\_num,

*27* dag = dag

*28* )

*29*

*30*def get\_weather():

*31* url = "https://goweather.herokuapp.com/weather/minsk"

*32* headers = {"Content-Type": "application/json"}

*33* response = requests.get(url, headers = headers)

*34* if response.status\_code == 200:

*35* weather\_data = response.json()

*36* return weather\_data

*37* else:

*38* return "Error"

*39*

*40*weather\_operator = PythonOperator(

*41* task\_id = "get\_weather",

*42* python\_callable=get\_weather,

*43* provide\_context=True,

*44* dag=dag)

*45*

*46*random\_num\_operator >> square\_num\_operator >> weather\_operator





