

# assignment08\_Consumer\_MeyerJake

May 7, 2023

## 0.1 Assignment 8 Consumer Notebook

## 0.2 DSC 650

## 0.3 Professor Iranitalab

## 0.4 Jake Meyer

## 0.5 05/06/2023

### 0.5.1 Import Essential Packages/Modules/Libraries

```
[1]: ## The following libraries/packages/modules are useful for completing the  
    ↪assignment.  
import numpy as np  
import pandas as pd  
import pyarrow as pa  
import pyarrow.parquet as parq  
import json  
from json import dumps  
import uuid  
import threading  
import decimal  
import shutil  
import os  
import glob  
import time  
import sys  
from time import sleep  
from kafka import KafkaProducer, KafkaAdminClient, KafkaConsumer, TopicPartition  
from kafka.errors import TopicAlreadyExistsError, KafkaError  
from kafka.admin.new_topic import NewTopic  
import dask.dataframe as dd  
from pathlib import Path  
from datetime import datetime, timedelta  
from pyspark.sql.types import *  
from pyspark.sql import SparkSession
```

```
[2]: ## Create Spark Session as previously outlined in assignment 4. Use Spark  
    ↪Session Builder.
```

```
spark = SparkSession.builder \
    .master('local') \
    .appName('parquetFile') \
    .config('spark.executor.memory', '5gb') \
    .config('spark.cores.max', '6') \
    .getOrCreate()
```

Setting default log level to "WARN".

To adjust logging level use `sc.setLogLevel(newLevel)`. For SparkR, use `setLogLevel(newLevel)`.

23/05/07 00:48:32 WARN NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

```
[3]: ## Configure Spark Session to resolve errors that were surfacing.
spark.conf.set("spark.sql.execution.arrow.pyspark.enabled", "true")
spark.conf.set("spark.rapids.sql.format.parquet.read.enabled", "true")
spark.conf.set("spark.rapids.sql.format.parquet.write.enabled", "true")
spark.conf.set("spark.rapids.sql.format.parquet.reader.type=MULTITHREADED", "true")
```

## 0.5.2 Setup Configuration

```
[4]: ## Follow details from assignment instruction for configuration
config = dict(
    bootstrap_servers=['kafka.kafka.svc.cluster.local:9092'],
    first_name='Jake',
    last_name='Meyer'
)

config['client_id'] = '{}{}'.format(
    config['last_name'],
    config['first_name']
)

config['topic_prefix'] = '{}{}'.format(
    config['last_name'],
    config['first_name']
)

config
```

```
[4]: {'bootstrap_servers': ['kafka.kafka.svc.cluster.local:9092'],
      'first_name': 'Jake',
      'last_name': 'Meyer',
      'client_id': 'MeyerJake',
      'topic_prefix': 'MeyerJake'}
```

### 0.5.3 Code help from the following two examples provided this week:

[Example Kafka Consumer](#) [Example Kafka Producer](#)

### 0.5.4 Create Topic Utility Function (From Producer Example)

```
[5]: def create_kafka_topic(topic_name, config=config, num_partitions=1,
    ↪ replication_factor=1):
    bootstrap_servers = config['bootstrap_servers']
    client_id = config['client_id']
    topic_prefix = config['topic_prefix']
    name = '{}-{}'.format(topic_prefix, topic_name)

    admin_client = KafkaAdminClient(
        bootstrap_servers=bootstrap_servers,
        client_id=client_id
    )

    topic = NewTopic(
        name=name,
        num_partitions=num_partitions,
        replication_factor=replication_factor
    )

    topic_list = [topic]
    try:
        admin_client.create_topics(new_topics=topic_list)
        print('Created topic "{}"'.format(name))
    except TopicAlreadyExistsError as e:
        print('Topic "{}" already exists'.format(name))

create_kafka_topic('locations')
```

Topic "MeyerJake-locations" already exists

### 0.5.5 Producer (From Producer Example)

```
[6]: producer = KafkaProducer(
    bootstrap_servers=config['bootstrap_servers'],
    value_serializer=lambda x: json.dumps(x).encode('utf-8')
)
```

### 0.5.6 General Consumer (From Consumer Example)

```
[7]: general_consumer = KafkaConsumer(
    bootstrap_servers=config['bootstrap_servers'],
    consumer_timeout_ms = 1000
```

```
)
```

### 0.5.7 Send Data Function (From Producer Example)

```
[8]: def on_send_success(record_metadata):
    print('Message sent:\n    Topic: "{}"\n    Partition: {}\n    Offset: {}'.
    ↪format(
        record_metadata.topic,
        record_metadata.partition,
        record_metadata.offset
    ))

def on_send_error(excp):
    print('I am an errback', exc_info=excp)
    # handle exception

def send_data(topic, data, config=config, producer=producer, msg_key=None):
    topic_prefix = config['topic_prefix']
    topic_name = '{}-{}'.format(topic_prefix, topic)

    if msg_key is not None:
        key = msg_key
    else:
        key = uuid.uuid4().hex
    print(data)
    sendout = producer.send(
        topic_name,
        value=data,
        key=key.encode('utf-8')
    ).add_callback(on_send_success).add_errback(on_send_error)
    ## Synchronous Sends
    try:
        record_metadata = sendout.get(timeout =15)
    except KafkaError:
        log.exception()
        pass

    print(record_metadata.topic)
    print(record_metadata.partition)
    print(record_metadata.offset)
```

```
[9]: ## Function to load the parquet file and convert from spark df to pandas df.
## Accepts file path as argument.
## Returns pandas df (parquet_df).

def loadParquet(parquet_path):
```

```
pqr = spark.read.parquet(parquet_path)
pqr = pqr.toPandas()
return pqr
```

### 0.5.8 Create Kafka Consumer Function (From Consumer Example)

```
[10]: def create_kafka_consumer(topics, config=config):
    bootstrap_servers = config['bootstrap_servers']
    client_id = config['client_id']
    topic_prefix = config['topic_prefix']
    topic_list = ['{}-{}'.format(topic_prefix, topic) for topic in topics]

    return KafkaConsumer(
        *topic_list,
        client_id=client_id,
        bootstrap_servers=bootstrap_servers,
        auto_offset_reset='earliest',
        enable_auto_commit=False,
        value_deserializer=lambda x: json.loads(x)
    )

consumer = create_kafka_consumer(['locations', 'accelerations'])
```

### 0.5.9 Print Messages Function (From Consumer Example)

```
[11]: def print_messages(consumer=consumer):
    try:
        for message in consumer:
            msg_metadata = 'Message metadata: {}:{}:{}'.format(
                message.topic, message.partition, message.offset
            )

            if message.key is not None:
                msg_key = message.key.decode('utf-8')
            else:
                msg_key = ''
            msg_value = json.dumps(message.value, indent=2)
            msg_value = '\n'.join([' {} '.format(value) for value in
→msg_value.split('\n')])

            print('Message metadata:')
            print(' Topic: {}'.format(message.topic))
            print(' Partition: {}'.format(message.partition))
            print(' Offset: {}'.format(message.offset))
            print('Message Key: {}'.format(msg_key))
            print('Message Value:')
```

```

        print(msg_value)
        print()
    except KeyboardInterrupt:
        print("STOPPING MESSAGE CONSUMER")

print_messages()

```

Message metadata:

Topic: MeyerJake-locations

Partition: 0

Offset: 0

Message Key: 73950d8c5edf4a5db944b83e08211350

Message Value:

```

{"id":{"0":"0a89528a4445884f061ffce814b59455","1":"0a89528a4445884f061ffce814b59455","2":"c44516bd325cb60548b431b4d6409dde","3":"c44516bd325cb60548b431b4d6409dde","4":"3b4793accf1f5feb077f7c8e097642a7","5":"3b4793accf1f5feb077f7c8e097642a7","6":"759e4b98ce8cfadd1004453cb2107436","7":"759e4b98ce8cfadd1004453cb2107436","8":"723d9d0fa092b5ca1ffce252012836de","9":"097ec0c2d59a23b76b4942bd8d9a7a77","10":"f3134b3497ad6a52204ba8419d9000c5","11":"6edc87cd82b135715d4581c2505ef753","12":null,"13":null,"14":null,"15":null,"16":null,"17":null,"18":null,"19":null},"ride_id":{"0":"353c68ef278055e9a1ec28a3dd0cf9e8","1":"353c68ef278055e9a1ec28a3dd0cf9e8","2":"b063cb65cd8446b83b4a09d4db2646c8","3":"b063cb65cd8446b83b4a09d4db2646c8","4":"5205b643b19fddd587541333533b2d4a","5":"5205b643b19fddd587541333533b2d4a","6":"91126a54bb966b38f64c62aded306c37","7":"91126a54bb966b38f64c62aded306c37","8":"4f9ca8ae06a03858267820b3ad458fce","9":"9cd83b5a569a73d2e596888b6a6ad6ad","10":"4611efd78aae450b1a506d67c4b71c17","11":"a19ba1f168154326694b7dbc2209518f","12":"39805d0846324773acf22971bcffa7ac","13":"39805d0846324773acf22971bcffa7ac","14":"582d3e7fa3cc301af55d6cb6bf20de0c","15":"582d3e7fa3cc301af55d6cb6bf20de0c","16":"53a79e2d25ebf0ea29b4f4dea39496b3","17":"582c5336938f138cf286af1adc12e3b3","18":"b1df722f6aa469b416e6abb65c5f7fc4","19":"c90bf06d657402ff2aa78e946a1bf990"},"uuid":{"0":"7755cb5919884b8eabd707a743f29c0c","1":"7755cb5919884b8eabd707a743f29c0c","2":"c6608d4cb9224aa3a0763a835e6c8788","3":"c6608d4cb9224aa3a0763a835e6c8788","4":"f547f4bf60cb40d3a86e00412d076e18","5":"f547f4bf60cb40d3a86e00412d076e18","6":"2cc21cea5b534b59b596172f8dacbe5b","7":"2cc21cea5b534b59b596172f8dacbe5b","8":"459eeb9143d04df3b27397678047be20","9":"a8fab740fe074ef1acc7d4c940398ce8","10":"9c8f3a88bdab444c92a4c7aab083704a","11":"1bb324e027224f769047ac3a76afeb5c","12":"09eeae24d6d446d0bbbeb994d6c6a13f","13":"09eeae24d6d446d0bbbeb994d6c6a13f","14":"35a1f553cfa849bbaec122df745c9457","15":"35a1f553cfa849bbaec122df745c9457","16":"080ab7e8d1bb4ac4bcf6b32bec82607d","17":"88005d17b10e4fcb8dec1cff5627ad39","18":"04661f25e6354f5b92284e804a97db95","19":"0cf91dfa92d5497cacef01408913d9a0"},"timestamp":{"0":1504219,"1":1504219,"2":1506796,"3":1506796,"4":1507471,"5":1507471,"6":1503714,"7":1503714,"8":1504355,"9":1504070,"10":1503758,"11":1504016,"12":1489619,"13":1489619,"14":1490662,"15":1490662,"16":1490366,"17":1490293,"18":1490304,"19":1490504},"offset":{"0":52.4

```

823544678,\"1\":53.4823544678,\"2\":52.7677702566,\"3\":53.7677702566,\"4\":52.6469173436,\"5\":53.6469173436,\"6\":52.6201954856,\"7\":53.6201954856,\"8\":53.1402450381,\"9\":53.1632963306,\"10\":53.0902834892,\"11\":53.1454835212,\"12\":52.745409286,\"13\":53.745409286,\"14\":52.8129886202,\"15\":53.8129886202,\"16\":53.0231238107,\"17\":53.4113879023,\"18\":53.243265912,\"19\":52.919721557},\"course\":{\"0\":315.3515625,\"1\":314.6484375,\"2\":36.90102005,\"3\":36.90102005,\"4\":218.671875,\"5\":218.671875,\"6\":262.1257629395,\"7\":262.1257629395,\"8\":112.8515625,\"9\":317.4609375,\"10\":117.7684173584,\"11\":84.7265625,\"12\":187.9876251221,\"13\":187.8990631104,\"14\":192.8350219727,\"15\":192.8350219727,\"16\":85.4296875,\"17\":28.4765625,\"18\":178.9453125,\"19\":299.1028747559},\"latitude\":{\"0\":37.7791863028,\"1\":37.77914037,\"2\":40.6948499135,\"3\":40.6948181666,\"4\":40.6141195866,\"5\":40.6142065907,\"6\":40.6260060799,\"7\":40.6260069346,\"8\":40.8741291985,\"9\":37.5234304648,\"10\":40.7481334061,\"11\":40.7663436234,\"12\":40.7428623944,\"13\":40.7429595646,\"14\":40.7468412077,\"15\":40.7468422715,\"16\":40.6264978974,\"17\":40.7748869621,\"18\":37.6784158359,\"19\":40.6892684187},\"longitude\":{\"0\":-122.3942013459,\"1\":-122.3941450195,\"2\":-73.9250091722,\"3\":-73.9250404893,\"4\":-73.9848240093,\"5\":-73.984731976,\"6\":-73.9760367606,\"7\":-73.9760286493,\"8\":-73.8563586027,\"9\":-122.2665801645,\"10\":-73.9992911627,\"11\":-73.8877870516,\"12\":-74.0088007127,\"13\":-74.0087828187,\"14\":-74.0318352989,\"15\":-74.0318349802,\"16\":-73.9716959373,\"17\":-73.9769286756,\"18\":-122.3885037472,\"19\":-73.7213421558},\"geohash\":{\"0\":\"9q8yyv7r8qu8\",\"1\":\"9q8yyv7r3wnw\",\"2\":\"dr5rtb32wmvg\",\"3\":\"dr5rtb32mxyw\",\"4\":\"dr5rh3tfksss\",\"5\":\"dr5rh3tfyuc7\",\"6\":\"dr5rhesr9kkv\",\"7\":\"dr5rhesr9se5\",\"8\":\"dr72x2gmnlgq\",\"9\":\"9q9j3ybby4mv\",\"10\":\"dr5ru1gr5d97\",\"11\":\"dr5rytk91v28\",\"12\":\"dr5rgch2mun3\",\"13\":\"dr5rgch2yq5u\",\"14\":\"dr5rg3ext1wx\",\"15\":\"dr5rg3ext1yv\",\"16\":\"dr5rhez6w81e\",\"17\":\"dr5ruwgdutgg\",\"18\":\"9q8yqgpkjtjv1\",\"19\":\"dr5x6rmb0jrh\"},\"speed\":{\"0\":7.6399998665,\"1\":5.3400001526,\"2\":5.3299999237,\"3\":3.1700000763,\"4\":12.4399995804,\"5\":12.3500003815,\"6\":0.1700000018,\"7\":0.0,\"8\":0.9700000286,\"9\":27.2999992371,\"10\":6.0300002098,\"11\":0.0,\"12\":11.220000267,\"13\":10.75,\"14\":0.0,\"15\":0.0,\"16\":11.3100004196,\"17\":7.5799999237,\"18\":30.1599998474,\"19\":0.0},\"accuracy\":{\"0\":10.0,\"1\":10.0,\"2\":10.0,\"3\":10.0,\"4\":10.0,\"5\":10.0,\"6\":10.0,\"7\":10.0,\"8\":10.0,\"9\":10.0,\"10\":10.0,\"11\":10.0,\"12\":10.0,\"13\":10.0,\"14\":10.0,\"15\":10.0,\"16\":10.0,\"17\":10.0,\"18\":5.0,\"19\":10.0},\"timelapse\":{\"0\":false,\"1\":false,\"2\":false,\"3\":false,\"4\":false,\"5\":false,\"6\":false,\"7\":false,\"8\":false,\"9\":false,\"10\":false,\"11\":false,\"12\":false,\"13\":false,\"14\":false,\"15\":false,\"16\":false,\"17\":false,\"18\":false,\"19\":false},\"filename\":{\"0\":\"c23afa84-4ea7-4d77-8da5-48eb38b3fcd6.mov\",\"1\":\"c23afa84-4ea7-4d77-8da5-48eb38b3fcd6.mov\",\"2\":\"0d4d27dc-360b-4bb2-9b0c-bf84be964785.mov\",\"3\":\"0d4d27dc-360b-4bb2-9b0c-bf84be964785.mov\",\"4\":\"3fd49753-bc3e-401c-8511-bcb79223cc6b.mov\",\"5\":\"3fd49753-bc3e-401c-8511-bcb79223cc6b.mov\",\"6\":\"891d1bd9-2ded-442c-8111-5f2692f3928c.mov\",\"7\":\"891d1bd9-2ded-442c-8111-5f2692f3928c.mov\",\"8\":\"78665bfb-b7d8-464a-a840-

8a967d44e187.mov\","19":\65c58848-8a31-4b1c-bfef-8643378fec25.mov\","10":\be49d159-d750-4191-aba8-fa72218a78ca.mov\","11":\517b138f-a10d-4a8a-8d8a-312d5140669d.mov\","12":\55e66eff-1ca8-47dc-bd29-289a9d332c6f.mov\","13":\55e66eff-1ca8-47dc-bd29-289a9d332c6f.mov\","14":\e9ac52ac-7ccd-48a5-af60-7bdd8c53ac9f.mov\","15":\e9ac52ac-7ccd-48a5-af60-7bdd8c53ac9f.mov\","16":\b0c74075-f0c0-470a-a2bf-c627f91b30b6.mov\","17":\a96b2581-610e-441f-9fdd-ed004ba41d27.mov\","18":\57d21f3f-97c6-45b1-89f8-8ddc0ce78b48.mov\","19":\4ed5dc9e-f875-4df7-92d7-123d5e44f958.mov\"}}}

Message metadata:

Topic: MeyerJake-locations  
Partition: 0  
Offset: 1

Message Key: d26ddb88c934474bb6f83fc0a09cd770

Message Value:

{"id":\0":\0a89528a4445884f061ffce814b59455\","1":\0a89528a4445884f061ffce814b59455\","2":\c44516bd325cb60548b431b4d6409dde\","3":\c44516bd325cb60548b431b4d6409dde\","4":\3b4793accf1f5feb077f7c8e097642a7\","5":\3b4793accf1f5feb077f7c8e097642a7\","6":\759e4b98ce8cfadd1004453cb2107436\","7":\759e4b98ce8cfadd1004453cb2107436\","8":\723d9d0fa092b5ca1ffce252012836de\","9":\097ec0c2d59a23b76b4942bd8d9a7a77\","10":\f3134b3497ad6a52204ba8419d9000c5\","11":\6edc87cd82b135715d4581c2505ef753\","12":null\","13":null\","14":null\","15":null\","16":null\","17":null\","18":null\","19":null\,"ride\_id":{\0":\353c68ef278055e9a1ec28a3dd0cf9e8\","1":\353c68ef278055e9a1ec28a3dd0cf9e8\","2":\b063cb65cd8446b83b4a09d4db2646c8\","3":\b063cb65cd8446b83b4a09d4db2646c8\","4":\5205b643b19fddd587541333533b2d4a\","5":\5205b643b19fddd587541333533b2d4a\","6":\91126a54bb966b38f64c62aded306c37\","7":\91126a54bb966b38f64c62aded306c37\","8":\4f9ca8ae06a03858267820b3ad458fce\","9":\9cd83b5a569a73d2e596888b6a6ad6ad\","10":\4611efd78aae450b1a506d67c4b71c17\","11":\a19ba1f168154326694b7dbc2209518f\","12":\39805d0846324773acf22971bcffa7ac\","13":\39805d0846324773acf22971bcffa7ac\","14":\582d3e7fa3cc301af55d6cb6bf20de0c\","15":\582d3e7fa3cc301af55d6cb6bf20de0c\","16":\53a79e2d25ebf0ea29b4f4dea39496b3\","17":\582c5336938f138cf286af1adc12e3b3\","18":\b1df722f6aa469b416e6abb65c5f7fc4\","19":\c90bf06d657402ff2aa78e946a1bf990\},"uid":{\0":\7755cb5919884b8eabd707a743f29c0c\","1":\7755cb5919884b8eabd707a743f29c0c\","2":\c6608d4cb9224aa3a0763a835e6c8788\","3":\c6608d4cb9224aa3a0763a835e6c8788\","4":\f547f4bf60cb40d3a86e00412d076e18\","5":\f547f4bf60cb40d3a86e00412d076e18\","6":\2cc21cea5b534b59b596172f8dacbe5b\","7":\2cc21cea5b534b59b596172f8dacbe5b\","8":\459eeb9143d04df3b27397678047be20\","9":\a8fab740fe074ef1acc7d4c940398ce8\","10":\9c8f3a88bdab444c92a4c7aab083704a\","11":\1bb324e027224f769047ac3a76afeb5c\","12":\09eeae24d6d446d0bbbeb994d6c6a13f\","13":\09eeae24d6d446d0bbbeb994d6c6a13f\","14":\35a1f553cfa849bbaec122df745c9457\","15":\35a1f553cfa849bbaec122df745c9457\","16":\080ab7e8d1bb4ac4bcf6b32bec82607d\","17":\88005d17b10e4fcb8dec1cff5627ad39\","18":\04661f25e6354f5b92284e804a97db95\","19":\0cf91dfa92d5497cacef01408913d9a0\},"timest



amp\":{\\"0\":1504219,\"1\":1504219,\"2\":1506796,\"3\":1506796,\"4\":1507471,\"5  
\\":1507471,\"6\":1503714,\"7\":1503714,\"8\":1504355,\"9\":1504070,\"10\":150375  
8,\"11\":1504016,\"12\":1489619,\"13\":1489619,\"14\":1490662,\"15\":1490662,\"1  
6\":1490366,\"17\":1490293,\"18\":1490304,\"19\":1490504},\\"offset\":{\\"0\":52.4  
823544678,\"1\":53.4823544678,\"2\":52.7677702566,\"3\":53.7677702566,\"4\":52.6  
469173436,\"5\":53.6469173436,\"6\":52.6201954856,\"7\":53.6201954856,\"8\":53.1  
402450381,\"9\":53.1632963306,\"10\":53.0902834892,\"11\":53.1454835212,\"12\":5  
2.745409286,\"13\":53.745409286,\"14\":52.8129886202,\"15\":53.8129886202,\"16\  
:53.0231238107,\"17\":53.4113879023,\"18\":53.243265912,\"19\":52.919721557},\\"c  
ourse\":{\\"0\":315.3515625,\"1\":314.6484375,\"2\":36.90102005,\"3\":36.90102005  
,\\"4\":218.671875,\"5\":218.671875,\"6\":262.1257629395,\"7\":262.1257629395,\"8  
\\":112.8515625,\"9\":317.4609375,\"10\":117.7684173584,\"11\":84.7265625,\"12\  
:187.9876251221,\"13\":187.8990631104,\"14\":192.8350219727,\"15\":192.8350219727  
,\\"16\":85.4296875,\"17\":28.4765625,\"18\":178.9453125,\"19\":299.1028747559},\  
"latitude\":{\\"0\":37.7791863028,\"1\":37.77914037,\"2\":40.6948499135,\"3\":40.  
6948181666,\"4\":40.6141195866,\"5\":40.6142065907,\"6\":40.6260060799,\"7\":40.  
6260069346,\"8\":40.8741291985,\"9\":37.5234304648,\"10\":40.7481334061,\"11\":4  
0.7663436234,\"12\":40.7428623944,\"13\":40.7429595646,\"14\":40.7468412077,\"15  
\\":40.7468422715,\"16\":40.6264978974,\"17\":40.7748869621,\"18\":37.6784158359,  
\\"19\":40.6892684187},\\"longitude\":{\\"0\":-122.3942013459,\"1\":-  
122.3941450195,\"2\":-73.9250091722,\"3\":-73.9250404893,\"4\":-  
73.9848240093,\"5\":-73.984731976,\"6\":-73.9760367606,\"7\":-  
73.9760286493,\"8\":-73.8563586027,\"9\":-122.2665801645,\"10\":-  
73.9992911627,\"11\":-73.8877870516,\"12\":-74.0088007127,\"13\":-  
74.0087828187,\"14\":-74.0318352989,\"15\":-74.0318349802,\"16\":-  
73.9716959373,\"17\":-73.9769286756,\"18\":-122.3885037472,\"19\":-  
73.7213421558},\\"geohash\":{\\"0\":\\"9q8yyv7r8qu8\\",\\"1\":\\"9q8yyv7r3wnw\\",\\"2\":  
\\"dr5rtb32wmvg\\",\\"3\":\\"dr5rtb32mxyw\\",\\"4\":\\"dr5rh3tfksss\\",\\"5\":\\"dr5rh3tfy  
uc7\\",\\"6\":\\"dr5rhesr9kkv\\",\\"7\":\\"dr5rhesr9se5\\",\\"8\":\\"dr72x2gmnlgq\\",\\"9\  
:\\\"9q9j3yb3y4mv\\",\\"10\":\\"dr5ru1gr5d97\\",\\"11\":\\"dr5rytk91v28\\",\\"12\":\\"dr5rg  
ch2mun3\\",\\"13\":\\"dr5rgch2yq5u\\",\\"14\":\\"dr5rg3ext1wx\\",\\"15\":\\"dr5rg3ext1yv\  
\\",\\"16\":\\"dr5rhez6w81e\\",\\"17\":\\"dr5ruwgdutgg\\",\\"18\":\\"9q8yqgpkjtjv1\\",\\"19\  
:\\\"dr5x6rmb0jrh\\",\\"speed\":{\\"0\":7.6399998665,\"1\":5.3400001526,\"2\":5.3299  
999237,\"3\":3.1700000763,\"4\":12.4399995804,\"5\":12.3500003815,\"6\":0.170000  
0018,\"7\":0.0,\"8\":0.9700000286,\"9\":27.2999992371,\"10\":6.0300002098,\"11\  
:0.0,\"12\":11.220000267,\"13\":10.75,\"14\":0.0,\"15\":0.0,\"16\":11.3100004196  
,\\"17\":7.5799999237,\"18\":30.1599998474,\"19\":0.0},\\"accuracy\":{\\"0\":10.0,\"  
1\":10.0,\"2\":10.0,\"3\":10.0,\"4\":10.0,\"5\":10.0,\"6\":10.0,\"7\":10.0,\"8\  
:10.0,\"9\":10.0,\"10\":10.0,\"11\":10.0,\"12\":10.0,\"13\":10.0,\"14\":10.0,\"  
15\":10.0,\"16\":10.0,\"17\":10.0,\"18\":5.0,\"19\":10.0},\\"timelapse\":{\\"0\":f  
alse,\"1\":false,\"2\":false,\"3\":false,\"4\":false,\"5\":false,\"6\":false,\"7  
\\":false,\"8\":false,\"9\":false,\"10\":false,\"11\":false,\"12\":false,\"13\":f  
alse,\"14\":false,\"15\":false,\"16\":false,\"17\":false,\"18\":false,\"19\":fal  
se},\\"filename\":{\\"0\":\\"c23afa84-4ea7-4d77-8da5-  
48eb38b3fcd6.mov\\",\\"1\":\\"c23afa84-4ea7-4d77-8da5-  
48eb38b3fcd6.mov\\",\\"2\":\\"0d4d27dc-360b-4bb2-9b0c-  
bf84be964785.mov\\",\\"3\":\\"0d4d27dc-360b-4bb2-9b0c-  
bf84be964785.mov\\",\\"4\":\\"3fd49753-bc3e-401c-8511-

bcb79223cc6b.mov\", \"5\": \"3fd49753-bc3e-401c-8511-bcb79223cc6b.mov\", \"6\": \"891d1bd9-2ded-442c-8111-5f2692f3928c.mov\", \"7\": \"891d1bd9-2ded-442c-8111-5f2692f3928c.mov\", \"8\": \"78665bfb-b7d8-464a-a840-8a967d44e187.mov\", \"9\": \"65c58848-8a31-4b1c-bfef-8643378fec25.mov\", \"10\": \"be49d159-d750-4191-aba8-fa72218a78ca.mov\", \"11\": \"517b138f-a10d-4a8a-8d8a-312d5140669d.mov\", \"12\": \"55e66eff-1ca8-47dc-bd29-289a9d332c6f.mov\", \"13\": \"55e66eff-1ca8-47dc-bd29-289a9d332c6f.mov\", \"14\": \"e9ac52ac-7ccd-48a5-af60-7bdd8c53ac9f.mov\", \"15\": \"e9ac52ac-7ccd-48a5-af60-7bdd8c53ac9f.mov\", \"16\": \"b0c74075-f0c0-470a-a2bf-c627f91b30b6.mov\", \"17\": \"a96b2581-610e-441f-9fdd-ed004ba41d27.mov\", \"18\": \"57d21f3f-97c6-45b1-89f8-8ddc0ce78b48.mov\", \"19\": \"4ed5dc9e-f875-4df7-92d7-123d5e44f958.mov\"}}"

Message metadata:

Topic: MeyerJake-accelerations

Partition: 0

Offset: 0

Message Key: 38366b5809134ddea3c1492bc3ba3488

Message Value:

"{"id":{"0": \"0a89528a4445884f061ffce814b59455\", \"1\": \"0a89528a4445884f061ffce814b59455\", \"2\": \"0a89528a4445884f061ffce814b59455\", \"3\": \"0a89528a4445884f061ffce814b59455\", \"4\": \"0a89528a4445884f061ffce814b59455\", \"5\": \"0a89528a4445884f061ffce814b59455\", \"6\": \"0a89528a4445884f061ffce814b59455\", \"7\": \"0a89528a4445884f061ffce814b59455\", \"8\": \"0a89528a4445884f061ffce814b59455\", \"9\": \"0a89528a4445884f061ffce814b59455\", \"10\": \"0a89528a4445884f061ffce814b59455\", \"11\": \"0a89528a4445884f061ffce814b59455\", \"12\": \"0a89528a4445884f061ffce814b59455\", \"13\": \"0a89528a4445884f061ffce814b59455\", \"14\": \"0a89528a4445884f061ffce814b59455\", \"15\": \"0a89528a4445884f061ffce814b59455\", \"16\": \"0a89528a4445884f061ffce814b59455\", \"17\": \"0a89528a4445884f061ffce814b59455\", \"18\": \"0a89528a4445884f061ffce814b59455\", \"19\": \"0a89528a4445884f061ffce814b59455\", \"20\": \"0a89528a4445884f061ffce814b59455\", \"21\": \"0a89528a4445884f061ffce814b59455\", \"22\": \"0a89528a4445884f061ffce814b59455\", \"23\": \"0a89528a4445884f061ffce814b59455\", \"24\": \"0a89528a4445884f061ffce814b59455\", \"25\": \"0a89528a4445884f061ffce814b59455\", \"26\": \"0a89528a4445884f061ffce814b59455\", \"27\": \"0a89528a4445884f061ffce814b59455\", \"28\": \"0a89528a4445884f061ffce814b59455\", \"29\": \"0a89528a4445884f061ffce814b59455\", \"30\": \"0a89528a4445884f061ffce814b59455\", \"31\": \"0a89528a4445884f061ffce814b59455\", \"32\": \"0a89528a4445884f061ffce814b59455\", \"33\": \"0a89528a4445884f061ffce814b59455\", \"34\": \"0a89528a4445884f061ffce814b59455\", \"35\": \"0a89528a4445884f061ffce814b59455\", \"36\": \"0a89528a4445884f061ffce814b59455\", \"37\": \"0a89528a4445884f061ffce814b59455\", \"38\": \"0a89528a4445884f061ffce814b59455\", \"39\": \"0a89528a4445884f061ffce814b59455\", \"40\": \"0a89528a4445884f061ffce814b59455\", \"41\": \"0a89528a4445884f061ffce814b59455\", \"42\": \"0a89528a4445884f061ffce814b59455\", \"43\": \"0a89528a4445884f061ffce814b59455\", \"44\": \"0a89528a4445884f061ffce814b59455\", \"45\": \"0a89528a4445884f061ffce814b59455\", \"46\": \"0a89528a4445884f061ffce814b59455\", \"47\": \"0a89528a4445884f061ffce814b59455\"}}

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

```

null,\"579\\\":null,\"580\\\":null,\"581\\\":null,\"582\\\":null,\"583\\\":null,\"584\\\":nu
ll,\"585\\\":null,\"586\\\":null,\"587\\\":null,\"588\\\":null,\"589\\\":null,\"590\\\":null
,\"591\\\":null,\"592\\\":null,\"593\\\":null,\"594\\\":null,\"595\\\":null,\"596\\\":null,\"
597\\\":null,\"598\\\":null,\"599\\\":null,\"600\\\":null,\"601\\\":null,\"602\\\":null,\"6
03\\\":null,\"604\\\":null,\"605\\\":null,\"606\\\":null,\"607\\\":null,\"608\\\":null,\"609
\\\":null,\"610\\\":null,\"611\\\":null,\"612\\\":null,\"613\\\":null,\"614\\\":null,\"615\\
\":null,\"616\\\":null,\"617\\\":null,\"618\\\":null,\"619\\\":null,\"620\\\":null,\"621\\\":n
ull,\"622\\\":null,\"623\\\":null,\"624\\\":null,\"625\\\":null,\"626\\\":null,\"627\\\":nul
l,\"628\\\":null,\"629\\\":null,\"630\\\":null,\"631\\\":null,\"632\\\":null,\"633\\\":null,
,\"634\\\":null,\"635\\\":null,\"636\\\":null,\"637\\\":null,\"638\\\":null,\"639\\\":null,\"
640\\\":null,\"641\\\":null,\"642\\\":null,\"643\\\":null,\"644\\\":null,\"645\\\":null,\"64
6\\\":null,\"647\\\":null,\"648\\\":null,\"649\\\":null,\"650\\\":null,\"651\\\":null,\"652\\
\":null,\"653\\\":null,\"654\\\":null,\"655\\\":null,\"656\\\":null,\"657\\\":null,\"658\\\":
null,\"659\\\":null,\"660\\\":null,\"661\\\":null,\"662\\\":null,\"663\\\":null,\"664\\\":nu
ll,\"665\\\":null,\"666\\\":null,\"667\\\":null,\"668\\\":null,\"669\\\":null,\"670\\\":null
,\"671\\\":null,\"672\\\":null,\"673\\\":null,\"674\\\":null,\"675\\\":null,\"676\\\":null,\"
677\\\":null,\"678\\\":null,\"679\\\":null,\"680\\\":null,\"681\\\":null,\"682\\\":null,\"6
83\\\":null,\"684\\\":null,\"685\\\":null,\"686\\\":null,\"687\\\":null,\"688\\\":null,\"689
\\\":null,\"690\\\":null,\"691\\\":null,\"692\\\":null,\"693\\\":null,\"694\\\":null,\"695\\
\":null,\"696\\\":null,\"697\\\":null,\"698\\\":null,\"699\\\":null,\"700\\\":null,\"701\\\":n
ull,\"702\\\":null,\"703\\\":null,\"704\\\":null,\"705\\\":null,\"706\\\":null,\"707\\\":nul
l,\"708\\\":null,\"709\\\":null,\"710\\\":null,\"711\\\":null,\"712\\\":null,\"713\\\":null,
,\"714\\\":null,\"715\\\":null,\"716\\\":null,\"717\\\":null,\"718\\\":null,\"719\\\":null,\"
720\\\":null,\"721\\\":null,\"722\\\":\\\"6edc87cd82b135715d4581c2505ef753\\\",\\\"723\\\":\\\"6
edc87cd82b135715d4581c2505ef753\\\",\\\"724\\\":\\\"6edc87cd82b135715d4581c2505ef753\\\",\\
\"725\\\":\\\"6edc87cd82b135715d4581c2505ef753\\\",\\\"726\\\":\\\"6edc87cd82b135715d4581c250
5ef753\\\",\\\"727\\\":\\\"6edc87cd82b135715d4581c2505ef753\\\",\\\"728\\\":\\\"6edc87cd82b13571
5d4581c2505ef753\\\",\\\"729\\\":\\\"6edc87cd82b135715d4581c2505ef753\\\",\\\"730\\\":\\\"6edc87
cd82b135715d4581c2505ef753\\\",\\\"731\\\":\\\"6edc87cd82b135715d4581c2505ef753\\\",\\\"732\\
\\\":\\\"6edc87cd82b135715d4581c2505ef753\\\",\\\"733\\\":\\\"6edc87cd82b135715d4581c2505ef75
3\\\",\\\"734\\\":\\\"6edc87cd82b135715d4581c2505ef753\\\",\\\"735\\\":\\\"6edc87cd82b135715d458
1c2505ef753\\\",\\\"736\\\":\\\"6edc87cd82b135715d4581c2505ef753\\\",\\\"737\\\":\\\"6edc87cd82b
135715d4581c2505ef753\\\",\\\"738\\\":\\\"6edc87cd82b135715d4581c2505ef753\\\",\\\"739\\\":\\\"6
edc87cd82b135715d4581c2505ef753\\\",\\\"740\\\":\\\"6edc87cd82b135715d4581c2505ef753\\\",\\
\"741\\\":\\\"6edc87cd82b135715d4581c2505ef753\\\",\\\"742\\\":\\\"6edc87cd82b135715d4581c250
5ef753\\\",\\\"743\\\":\\\"6edc87cd82b135715d4581c2505ef753\\\",\\\"744\\\":\\\"6edc87cd82b13571
5d4581c2505ef753\\\",\\\"745\\\":\\\"6edc87cd82b135715d4581c2505ef753\\\",\\\"746\\\":\\\"6edc87
cd82b135715d4581c2505ef753\\\",\\\"747\\\":\\\"6edc87cd82b135715d4581c2505ef753\\\",\\\"748\\
\\\":\\\"6edc87cd82b135715d4581c2505ef753\\\",\\\"749\\\":\\\"6edc87cd82b135715d4581c2505ef75
3\\\",\\\"750\\\":\\\"6edc87cd82b135715d4581c2505ef753\\\",\\\"751\\\":\\\"6edc87cd82b135715d458
1c2505ef753\\\",\\\"752\\\":\\\"6edc87cd82b135715d4581c2505ef753\\\",\\\"753\\\":\\\"6edc87cd82b
135715d4581c2505ef753\\\",\\\"754\\\":\\\"6edc87cd82b135715d4581c2505ef753\\\",\\\"755\\\":\\\"6
edc87cd82b135715d4581c2505ef753\\\",\\\"756\\\":\\\"6edc87cd82b135715d4581c2505ef753\\\",\\
\"757\\\":\\\"6edc87cd82b135715d4581c2505ef753\\\",\\\"758\\\":\\\"6edc87cd82b135715d4581c250
5ef753\\\",\\\"759\\\":\\\"6edc87cd82b135715d4581c2505ef753\\\",\\\"760\\\":\\\"6edc87cd82b13571
5d4581c2505ef753\\\",\\\"761\\\":\\\"6edc87cd82b135715d4581c2505ef753\\\",\\\"762\\\":\\\"6edc87
cd82b135715d4581c2505ef753\\\",\\\"763\\\":\\\"6edc87cd82b135715d4581c2505ef753\\\",\\\"764\\
\\\":\\\"6edc87cd82b135715d4581c2505ef753\\\",\\\"765\\\":\\\"6edc87cd82b135715d4581c2505ef75

```



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



[illegible]

[illegible]



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



[illegible]

[illegible]



[illegible]





[illegible]

[illegible]



[illegible]

acef01408913d9a0\","972\":"0cf91dfa92d5497cacef01408913d9a0\","973\":"0cf91d  
fa92d5497cacef01408913d9a0\","974\":"0cf91dfa92d5497cacef01408913d9a0\","975\  
":"0cf91dfa92d5497cacef01408913d9a0\","976\":"0cf91dfa92d5497cacef01408913d9a  
0\","977\":"0cf91dfa92d5497cacef01408913d9a0\","978\":"0cf91dfa92d5497cacef0  
1408913d9a0\","979\":"0cf91dfa92d5497cacef01408913d9a0\","980\":"0cf91dfa92d  
5497cacef01408913d9a0\","981\":"0cf91dfa92d5497cacef01408913d9a0\","982\":"0  
cf91dfa92d5497cacef01408913d9a0\","983\":"0cf91dfa92d5497cacef01408913d9a0\","  
984\":"0cf91dfa92d5497cacef01408913d9a0\","985\":"0cf91dfa92d5497cacef014089  
13d9a0\","986\":"0cf91dfa92d5497cacef01408913d9a0\","987\":"0cf91dfa92d5497c  
acef01408913d9a0\","988\":"0cf91dfa92d5497cacef01408913d9a0\","989\":"0cf91d  
fa92d5497cacef01408913d9a0\","990\":"0cf91dfa92d5497cacef01408913d9a0\","991\  
":"0cf91dfa92d5497cacef01408913d9a0\","992\":"0cf91dfa92d5497cacef01408913d9a  
0\","993\":"0cf91dfa92d5497cacef01408913d9a0\","994\":"0cf91dfa92d5497cacef0  
1408913d9a0\","995\":"0cf91dfa92d5497cacef01408913d9a0\","996\":"0cf91dfa92d  
5497cacef01408913d9a0\","997\":"0cf91dfa92d5497cacef01408913d9a0\","998\":"0  
cf91dfa92d5497cacef01408913d9a0\","999\":"0cf91dfa92d5497cacef01408913d9a0\","  
1000\":"0cf91dfa92d5497cacef01408913d9a0\","1001\":"0cf91dfa92d5497cacef0140  
8913d9a0\","1002\":"0cf91dfa92d5497cacef01408913d9a0\","1003\":"0cf91dfa92d5  
497cacef01408913d9a0\","1004\":"0cf91dfa92d5497cacef01408913d9a0\","1005\":"  
0cf91dfa92d5497cacef01408913d9a0\","1006\":"0cf91dfa92d5497cacef01408913d9a0\  
","1007\":"0cf91dfa92d5497cacef01408913d9a0\","1008\":"0cf91dfa92d5497cacef01  
408913d9a0\","1009\":"ee41c837747d4c1a92c72a26b839bf69\","1010\":"ee41c83774  
7d4c1a92c72a26b839bf69\","1011\":"ee41c837747d4c1a92c72a26b839bf69\","1012\":"  
ee41c837747d4c1a92c72a26b839bf69\","1013\":"ee41c837747d4c1a92c72a26b839bf69  
\\","1014\":"ee41c837747d4c1a92c72a26b839bf69\","1015\":"ee41c837747d4c1a92c7  
2a26b839bf69\","1016\":"ee41c837747d4c1a92c72a26b839bf69\","1017\":"ee41c837  
747d4c1a92c72a26b839bf69\","1018\":"ee41c837747d4c1a92c72a26b839bf69\","1019\  
":"ee41c837747d4c1a92c72a26b839bf69\","1020\":"ee41c837747d4c1a92c72a26b839bf  
69\\","timestamp\":{"0":1504219,"1":1504219,"2":1504219,"3":1504219,"4  
":1504219,"5":1504219,"6":1504219,"7":1504219,"8":1504219,"9":1504219  
,"10":1504219,"11":1504219,"12":1504219,"13":1504219,"14":1504219,"15  
":1504219,"16":1504219,"17":1504219,"18":1504219,"19":1504219,"20":15  
04219,"21":1504219,"22":1504219,"23":1504219,"24":1504219,"25":1504219  
,"26":1504219,"27":1504219,"28":1504219,"29":1504219,"30":1504219,"31  
":1504219,"32":1504219,"33":1504219,"34":1504219,"35":1504219,"36":15  
04219,"37":1504219,"38":1504219,"39":1504219,"40":1504219,"41":1504219  
,"42":1504219,"43":1504219,"44":1504219,"45":1504219,"46":1504219,"47  
":1504219,"48":1504219,"49":1504219,"50":1504219,"51":1504219,"52":15  
04219,"53":1504219,"54":1504219,"55":1504219,"56":1504219,"57":1504219  
,"58":1504219,"59":1504219,"60":1504219,"61":1504219,"62":1504219,"63  
":1504219,"64":1504219,"65":1504219,"66":1504219,"67":1504219,"68":15  
04219,"69":1504219,"70":1504219,"71":1504219,"72":1506796,"73":1506796  
,"74":1506796,"75":1506796,"76":1506796,"77":1506796,"78":1506796,"79  
":1506796,"80":1506796,"81":1506796,"82":1506796,"83":1506796,"84":15  
06796,"85":1506796,"86":1506796,"87":1506796,"88":1506796,"89":1506796  
,"90":1506796,"91":1506796,"92":1506796,"93":1506796,"94":1506796,"95  
":1506796,"96":1506796,"97":1506796,"98":1506796,"99":1506796,"100":1  
506796,"101":1506796,"102":1506796,"103":1506796,"104":1506796,"105":1

506796,\"106\":1506796,\"107\":1506796,\"108\":1506796,\"109\":1506796,\"110\":1  
506796,\"111\":1506796,\"112\":1506796,\"113\":1506796,\"114\":1506796,\"115\":1  
506796,\"116\":1506796,\"117\":1506796,\"118\":1506796,\"119\":1506796,\"120\":1  
506796,\"121\":1506796,\"122\":1506796,\"123\":1506796,\"124\":1506796,\"125\":1  
506796,\"126\":1506796,\"127\":1506796,\"128\":1506796,\"129\":1506796,\"130\":1  
506796,\"131\":1506796,\"132\":1506796,\"133\":1506796,\"134\":1506796,\"135\":1  
506796,\"136\":1506796,\"137\":1506796,\"138\":1506796,\"139\":1506796,\"140\":1  
506796,\"141\":1506796,\"142\":1506796,\"143\":1506796,\"144\":1506796,\"145\":1  
507471,\"146\":1507471,\"147\":1507471,\"148\":1507471,\"149\":1507471,\"150\":1  
507471,\"151\":1507471,\"152\":1507471,\"153\":1507471,\"154\":1507471,\"155\":1  
507471,\"156\":1507471,\"157\":1507471,\"158\":1507471,\"159\":1507471,\"160\":1  
507471,\"161\":1507471,\"162\":1507471,\"163\":1507471,\"164\":1507471,\"165\":1  
507471,\"166\":1507471,\"167\":1507471,\"168\":1507471,\"169\":1507471,\"170\":1  
507471,\"171\":1507471,\"172\":1507471,\"173\":1507471,\"174\":1507471,\"175\":1  
507471,\"176\":1507471,\"177\":1507471,\"178\":1507471,\"179\":1507471,\"180\":1  
507471,\"181\":1507471,\"182\":1507471,\"183\":1507471,\"184\":1507471,\"185\":1  
507471,\"186\":1507471,\"187\":1507471,\"188\":1507471,\"189\":1507471,\"190\":1  
507471,\"191\":1507471,\"192\":1507471,\"193\":1507471,\"194\":1507471,\"195\":1  
507471,\"196\":1507471,\"197\":1507471,\"198\":1507471,\"199\":1507471,\"200\":1  
507471,\"201\":1507471,\"202\":1507471,\"203\":1507471,\"204\":1507471,\"205\":1  
507471,\"206\":1507471,\"207\":1507471,\"208\":1507471,\"209\":1507471,\"210\":1  
507471,\"211\":1507471,\"212\":1507471,\"213\":1507471,\"214\":1507471,\"215\":1  
507471,\"216\":1507471,\"217\":1504070,\"218\":1504070,\"219\":1504070,\"220\":1  
504070,\"221\":1504070,\"222\":1504070,\"223\":1504070,\"224\":1504070,\"225\":1  
504070,\"226\":1504070,\"227\":1504070,\"228\":1504070,\"229\":1504070,\"230\":1  
504070,\"231\":1504070,\"232\":1504070,\"233\":1504070,\"234\":1504070,\"235\":1  
504070,\"236\":1504070,\"237\":1504070,\"238\":1504070,\"239\":1504070,\"240\":1  
504070,\"241\":1504070,\"242\":1504070,\"243\":1504070,\"244\":1504070,\"245\":1  
504070,\"246\":1504070,\"247\":1504070,\"248\":1504070,\"249\":1504070,\"250\":1  
504070,\"251\":1504070,\"252\":1504070,\"253\":1504070,\"254\":1504070,\"255\":1  
504070,\"256\":1504070,\"257\":1504070,\"258\":1504070,\"259\":1504070,\"260\":1  
504070,\"261\":1504070,\"262\":1504070,\"263\":1504070,\"264\":1504070,\"265\":1  
504070,\"266\":1504070,\"267\":1504070,\"268\":1504070,\"269\":1504070,\"270\":1  
504070,\"271\":1504070,\"272\":1504070,\"273\":1504070,\"274\":1504070,\"275\":1  
504070,\"276\":1504070,\"277\":1504070,\"278\":1504070,\"279\":1504070,\"280\":1  
504070,\"281\":1504070,\"282\":1504070,\"283\":1504070,\"284\":1504070,\"285\":1  
504070,\"286\":1504070,\"287\":1504070,\"288\":1504070,\"289\":1490304,\"290\":1  
490304,\"291\":1490304,\"292\":1490304,\"293\":1490304,\"294\":1490304,\"295\":1  
490304,\"296\":1490304,\"297\":1490304,\"298\":1490304,\"299\":1490304,\"300\":1  
490304,\"301\":1490304,\"302\":1490304,\"303\":1490304,\"304\":1490304,\"305\":1  
490304,\"306\":1490304,\"307\":1490304,\"308\":1490304,\"309\":1490304,\"310\":1  
490304,\"311\":1490304,\"312\":1490304,\"313\":1490304,\"314\":1490304,\"315\":1  
490304,\"316\":1490304,\"317\":1490304,\"318\":1490304,\"319\":1490304,\"320\":1  
490304,\"321\":1490304,\"322\":1490304,\"323\":1490304,\"324\":1490304,\"325\":1  
490304,\"326\":1490304,\"327\":1490304,\"328\":1490304,\"329\":1490304,\"330\":1  
490304,\"331\":1490304,\"332\":1490304,\"333\":1490304,\"334\":1490304,\"335\":1  
490304,\"336\":1490304,\"337\":1490304,\"338\":1490304,\"339\":1490304,\"340\":1  
490304,\"341\":1490304,\"342\":1490304,\"343\":1490304,\"344\":1490304,\"345\":1

[illegible]

[illegible]

503714,\"826\":1503714,\"827\":1503714,\"828\":1503714,\"829\":1503714,\"830\":1  
503714,\"831\":1503714,\"832\":1503714,\"833\":1503714,\"834\":1503714,\"835\":1  
503714,\"836\":1503714,\"837\":1503714,\"838\":1503714,\"839\":1503714,\"840\":1  
503714,\"841\":1503714,\"842\":1503714,\"843\":1503714,\"844\":1503714,\"845\":1  
503714,\"846\":1503714,\"847\":1503714,\"848\":1503714,\"849\":1503714,\"850\":1  
503714,\"851\":1503714,\"852\":1503714,\"853\":1503714,\"854\":1503714,\"855\":1  
503714,\"856\":1503714,\"857\":1503714,\"858\":1503714,\"859\":1503714,\"860\":1  
503714,\"861\":1503714,\"862\":1503714,\"863\":1503714,\"864\":1503714,\"865\":1  
490662,\"866\":1490662,\"867\":1490662,\"868\":1490662,\"869\":1490662,\"870\":1  
490662,\"871\":1490662,\"872\":1490662,\"873\":1490662,\"874\":1490662,\"875\":1  
490662,\"876\":1490662,\"877\":1490662,\"878\":1490662,\"879\":1490662,\"880\":1  
490662,\"881\":1490662,\"882\":1490662,\"883\":1490662,\"884\":1490662,\"885\":1  
490662,\"886\":1490662,\"887\":1490662,\"888\":1490662,\"889\":1490662,\"890\":1  
490662,\"891\":1490662,\"892\":1490662,\"893\":1490662,\"894\":1490662,\"895\":1  
490662,\"896\":1490662,\"897\":1490662,\"898\":1490662,\"899\":1490662,\"900\":1  
490662,\"901\":1490662,\"902\":1490662,\"903\":1490662,\"904\":1490662,\"905\":1  
490662,\"906\":1490662,\"907\":1490662,\"908\":1490662,\"909\":1490662,\"910\":1  
490662,\"911\":1490662,\"912\":1490662,\"913\":1490662,\"914\":1490662,\"915\":1  
490662,\"916\":1490662,\"917\":1490662,\"918\":1490662,\"919\":1490662,\"920\":1  
490662,\"921\":1490662,\"922\":1490662,\"923\":1490662,\"924\":1490662,\"925\":1  
490662,\"926\":1490662,\"927\":1490662,\"928\":1490662,\"929\":1490662,\"930\":1  
490662,\"931\":1490662,\"932\":1490662,\"933\":1490662,\"934\":1490662,\"935\":1  
490662,\"936\":1490662,\"937\":1490504,\"938\":1490504,\"939\":1490504,\"940\":1  
490504,\"941\":1490504,\"942\":1490504,\"943\":1490504,\"944\":1490504,\"945\":1  
490504,\"946\":1490504,\"947\":1490504,\"948\":1490504,\"949\":1490504,\"950\":1  
490504,\"951\":1490504,\"952\":1490504,\"953\":1490504,\"954\":1490504,\"955\":1  
490504,\"956\":1490504,\"957\":1490504,\"958\":1490504,\"959\":1490504,\"960\":1  
490504,\"961\":1490504,\"962\":1490504,\"963\":1490504,\"964\":1490504,\"965\":1  
490504,\"966\":1490504,\"967\":1490504,\"968\":1490504,\"969\":1490504,\"970\":1  
490504,\"971\":1490504,\"972\":1490504,\"973\":1490504,\"974\":1490504,\"975\":1  
490504,\"976\":1490504,\"977\":1490504,\"978\":1490504,\"979\":1490504,\"980\":1  
490504,\"981\":1490504,\"982\":1490504,\"983\":1490504,\"984\":1490504,\"985\":1  
490504,\"986\":1490504,\"987\":1490504,\"988\":1490504,\"989\":1490504,\"990\":1  
490504,\"991\":1490504,\"992\":1490504,\"993\":1490504,\"994\":1490504,\"995\":1  
490504,\"996\":1490504,\"997\":1490504,\"998\":1490504,\"999\":1490504,\"1000\":  
1490504,\"1001\":1490504,\"1002\":1490504,\"1003\":1490504,\"1004\":1490504,\"10  
05\":1490504,\"1006\":1490504,\"1007\":1490504,\"1008\":1490504,\"1009\":1490404  
,\"1010\":1490404,\"1011\":1490404,\"1012\":1490404,\"1013\":1490404,\"1014\":14  
90404,\"1015\":1490404,\"1016\":1490404,\"1017\":1490404,\"1018\":1490404,\"1019  
\":1490404,\"1020\":1490404},\"offset\":{\"0\":52.4793544678,\"1\":52.4993544678  
,\"2\":52.5193544678,\"3\":52.5393544678,\"4\":52.5593544678,\"5\":52.5793544678  
,\"6\":52.5993544678,\"7\":52.6193544678,\"8\":52.6393544678,\"9\":52.6593544678  
,\"10\":52.6793544678,\"11\":52.6993544678,\"12\":52.7193544678,\"13\":52.739354  
4678,\"14\":52.7593544678,\"15\":52.7793544678,\"16\":52.8003544678,\"17\":52.82  
03544678,\"18\":52.8403544678,\"19\":52.8603544678,\"20\":52.8803544678,\"21\":5  
2.9003544678,\"22\":52.9203544678,\"23\":52.9403544678,\"24\":52.9603544678,\"25  
\":52.9803544678,\"26\":53.0003544678,\"27\":53.0203544678,\"28\":53.0403544678,  
\"29\":53.0603544678,\"30\":53.0803544678,\"31\":53.1003544678,\"32\":53.1203544

78,\"33\":53.1403544678,\"34\":53.1603544678,\"35\":53.1803544678,\"36\":53.2003544678,\"37\":53.2203544678,\"38\":53.2403544678,\"39\":53.2603544678,\"40\":53.2803544678,\"41\":53.3003544678,\"42\":53.3203544678,\"43\":53.3403544678,\"44\":53.3603544678,\"45\":53.3803544678,\"46\":53.4003544678,\"47\":53.4213544678,\"48\":53.4413544678,\"49\":53.4613544678,\"50\":53.4813544678,\"51\":53.5013544678,\"52\":53.5213544678,\"53\":53.5413544678,\"54\":53.5613544678,\"55\":53.5813544678,\"56\":53.6013544678,\"57\":53.6213544678,\"58\":53.6413544678,\"59\":53.6613544678,\"60\":53.6813544678,\"61\":53.7013544678,\"62\":53.7213544678,\"63\":53.7413544678,\"64\":53.7613544678,\"65\":53.7813544678,\"66\":53.8013544678,\"67\":53.8213544678,\"68\":53.8413544678,\"69\":53.8613544678,\"70\":53.8813544678,\"71\":53.9013544678,\"72\":52.4917702566,\"73\":52.5107702566,\"74\":52.5307702566,\"75\":52.5497702566,\"76\":52.5697702566,\"77\":52.5887702566,\"78\":52.6087702566,\"79\":52.6277702566,\"80\":52.6477702566,\"81\":52.6667702566,\"82\":52.6867702566,\"83\":52.7067702566,\"84\":52.7257702566,\"85\":52.7457702566,\"86\":52.7647702566,\"87\":52.7847702566,\"88\":52.8037702566,\"89\":52.8237702566,\"90\":52.8427702566,\"91\":52.8627702566,\"92\":52.8817702566,\"93\":52.9017702566,\"94\":52.9207702566,\"95\":52.9407702566,\"96\":52.9597702566,\"97\":52.9797702566,\"98\":52.9987702566,\"99\":53.0187702566,\"100\":53.0377702566,\"101\":53.0577702566,\"102\":53.0767702566,\"103\":53.0967702566,\"104\":53.1157702566,\"105\":53.1357702566,\"106\":53.1547702566,\"107\":53.1747702566,\"108\":53.1937702566,\"109\":53.2137702566,\"110\":53.2337702566,\"111\":53.2527702566,\"112\":53.2727702566,\"113\":53.2917702566,\"114\":53.3117702566,\"115\":53.3307702566,\"116\":53.3507702566,\"117\":53.3697702566,\"118\":53.3897702566,\"119\":53.4087702566,\"120\":53.4287702566,\"121\":53.4477702566,\"122\":53.4677702566,\"123\":53.4867702566,\"124\":53.5067702566,\"125\":53.5257702566,\"126\":53.5457702566,\"127\":53.5647702566,\"128\":53.5847702566,\"129\":53.6037702566,\"130\":53.6237702566,\"131\":53.6427702566,\"132\":53.6627702566,\"133\":53.6817702566,\"134\":53.7017702566,\"135\":53.7207702566,\"136\":53.7407702566,\"137\":53.7607702566,\"138\":53.7797702566,\"139\":53.7997702566,\"140\":53.8187702566,\"141\":53.8387702566,\"142\":53.8577702566,\"143\":53.8777702566,\"144\":53.8967702566,\"145\":52.4819173436,\"146\":52.5019173436,\"147\":52.5219173436,\"148\":52.5419173436,\"149\":52.5619173436,\"150\":52.5819173436,\"151\":52.6019173436,\"152\":52.6229173436,\"153\":52.6429173436,\"154\":52.6629173436,\"155\":52.6829173436,\"156\":52.7029173436,\"157\":52.7229173436,\"158\":52.7429173436,\"159\":52.7629173436,\"160\":52.7829173436,\"161\":52.8029173436,\"162\":52.8229173436,\"163\":52.8429173436,\"164\":52.8629173436,\"165\":52.8829173436,\"166\":52.9029173436,\"167\":52.9229173436,\"168\":52.9429173436,\"169\":52.9629173436,\"170\":52.9829173436,\"171\":53.0029173436,\"172\":53.0229173436,\"173\":53.0429173436,\"174\":53.0629173436,\"175\":53.0829173436,\"176\":53.1029173436,\"177\":53.1229173436,\"178\":53.1439173436,\"179\":53.1639173436,\"180\":53.1839173436,\"181\":53.2039173436,\"182\":53.2239173436,\"183\":53.2439173436,\"184\":53.2639173436,\"185\":53.2839173436,\"186\":53.3039173436,\"187\":53.3239173436,\"188\":53.3439173436,\"189\":53.3639173436,\"190\":53.3839173436,\"191\":53.4039173436,\"192\":53.4239173436,\"193\":53.4439173436,\"194\":53.4639173436,\"195\":53.4839173436,\"196\":53.5039173436,\"197\":53.5239173436,\"198\":53.5439173436,\"199\":53.5639173436,\"200\":53.5839173436,\"201\":53.6039173436,\"202\":53.6239173436,\"203\":53.6439173436,\"204\":53.6649173436,\"205\":53.6849173436,\"206\":53.7049173436,\"207\":53.7249173436,\"208\":53.7449173436,\"209\":53.7649173436,\"210\":53.7849173436,\"211\":53.8049173436,\"212\":53.8249173436,\"213\":53.8449173436,\"214\":53.8649173436,\"215\":53.8849173436,\"216\":53.9049173436,\"217\":53.9249173436,\"218\":53.9449173436,\"219\":53.9649173436,\"220\":53.9849173436,\"221\":53.0049173436,\"222\":53.0249173436,\"223\":53.0449173436,\"224\":53.0649173436,\"225\":53.0849173436,\"226\":53.1049173436,\"227\":53.1249173436,\"228\":53.1449173436,\"229\":53.1649173436,\"230\":53.1849173436,\"231\":53.2049173436,\"232\":53.2249173436,\"233\":53.2449173436,\"234\":53.2649173436,\"235\":53.2849173436,\"236\":53.3049173436,\"237\":53.3249173436,\"238\":53.3449173436,\"239\":53.3649173436,\"240\":53.3849173436,\"241\":53.4049173436,\"242\":53.4249173436,\"243\":53.4449173436,\"244\":53.4649173436,\"245\":53.4849173436,\"246\":53.5049173436,\"247\":53.5249173436,\"248\":53.5449173436,\"249\":53.5649173436,\"250\":53.5849173436,\"251\":53.6049173436,\"252\":53.6249173436,\"253\":53.6449173436,\"254\":53.6649173436,\"255\":53.6849173436,\"256\":53.7049173436,\"257\":53.7249173436,\"258\":53.7449173436,\"259\":53.7649173436,\"260\":53.7849173436,\"261\":53.8049173436,\"262\":53.8249173436,\"263\":53.8449173436,\"

3.7849173436,\"211\":53.8049173436,\"212\":53.8249173436,\"213\":53.8449173436,\"214\":53.8649173436,\"215\":53.8849173436,\"216\":53.9049173436,\"217\":52.4742963306,\"218\":52.4942963306,\"219\":52.5142963306,\"220\":52.5342963306,\"221\":52.5542963306,\"222\":52.5742963306,\"223\":52.5942963306,\"224\":52.6142963306,\"225\":52.6342963306,\"226\":52.6552963306,\"227\":52.6752963306,\"228\":52.6952963306,\"229\":52.7152963306,\"230\":52.7352963306,\"231\":52.7552963306,\"232\":52.7752963306,\"233\":52.7952963306,\"234\":52.8152963306,\"235\":52.8352963306,\"236\":52.8552963306,\"237\":52.8752963306,\"238\":52.8952963306,\"239\":52.9152963306,\"240\":52.9352963306,\"241\":52.9552963306,\"242\":52.9752963306,\"243\":52.9952963306,\"244\":53.0152963306,\"245\":53.0352963306,\"246\":53.0552963306,\"247\":53.0752963306,\"248\":53.0952963306,\"249\":53.1152963306,\"250\":53.1352963306,\"251\":53.1552963306,\"252\":53.1752963306,\"253\":53.1952963306,\"254\":53.2152963306,\"255\":53.2352963306,\"256\":53.2552963306,\"257\":53.2752963306,\"258\":53.2952963306,\"259\":53.3152963306,\"260\":53.3352963306,\"261\":53.3552963306,\"262\":53.3752963306,\"263\":53.3952963306,\"264\":53.4152963306,\"265\":53.4352963306,\"266\":53.4552963306,\"267\":53.4752963306,\"268\":53.4952963306,\"269\":53.5152963306,\"270\":53.5352963306,\"271\":53.5552963306,\"272\":53.5752963306,\"273\":53.5952963306,\"274\":53.6152963306,\"275\":53.6352963306,\"276\":53.6552963306,\"277\":53.6752963306,\"278\":53.6952963306,\"279\":53.7152963306,\"280\":53.7352963306,\"281\":53.7552963306,\"282\":53.7762963306,\"283\":53.7962963306,\"284\":53.8162963306,\"285\":53.8362963306,\"286\":53.8562963306,\"287\":53.8762963306,\"288\":53.8962963306,\"289\":52.488265912,\"290\":52.508265912,\"291\":52.528265912,\"292\":52.548265912,\"293\":52.569265912,\"294\":52.589265912,\"295\":52.609265912,\"296\":52.629265912,\"297\":52.649265912,\"298\":52.669265912,\"299\":52.689265912,\"300\":52.709265912,\"301\":52.729265912,\"302\":52.749265912,\"303\":52.769265912,\"304\":52.789265912,\"305\":52.809265912,\"306\":52.829265912,\"307\":52.849265912,\"308\":52.869265912,\"309\":52.889265912,\"310\":52.909265912,\"311\":52.930265912,\"312\":52.950265912,\"313\":52.970265912,\"314\":52.990265912,\"315\":53.010265912,\"316\":53.030265912,\"317\":53.050265912,\"318\":53.070265912,\"319\":53.090265912,\"320\":53.110265912,\"321\":53.130265912,\"322\":53.150265912,\"323\":53.170265912,\"324\":53.190265912,\"325\":53.210265912,\"326\":53.230265912,\"327\":53.250265912,\"328\":53.270265912,\"329\":53.291265912,\"330\":53.311265912,\"331\":53.331265912,\"332\":53.351265912,\"333\":53.371265912,\"334\":53.391265912,\"335\":53.411265912,\"336\":53.431265912,\"337\":53.451265912,\"338\":53.471265912,\"339\":53.491265912,\"340\":53.511265912,\"341\":53.531265912,\"342\":53.551265912,\"343\":53.571265912,\"344\":53.591265912,\"345\":53.611265912,\"346\":53.631265912,\"347\":53.651265912,\"348\":53.672265912,\"349\":53.692265912,\"350\":53.712265912,\"351\":53.732265912,\"352\":53.752265912,\"353\":53.772265912,\"354\":53.792265912,\"355\":53.812265912,\"356\":53.832265912,\"357\":53.852265912,\"358\":53.872265912,\"359\":53.892265912,\"360\":53.912265912,\"361\":52.4902450381,\"362\":52.5102450381,\"363\":52.5302450381,\"364\":52.5502450381,\"365\":52.5702450381,\"366\":52.5902450381,\"367\":52.6102450381,\"368\":52.6302450381,\"369\":52.6502450381,\"370\":52.6702450381,\"371\":52.6902450381,\"372\":52.7102450381,\"373\":52.7302450381,\"374\":52.7502450381,\"375\":52.7702450381,\"376\":52.7892450381,\"377\":52.8092450381,\"378\":52.8292450381,\"379\":52.8492450381,\"380\":52.8692450381,\"381\":52.8892450381,\"382\":52.9092450381,\"383\":52.9292450381,\"384\":52.9492450381,\"385\":52.9692450381,\"386\":52.9892450381,\"387\":53.0092450381,\"388



\":53.0292450381,\"389\":53.0492450381,\"390\":53.0692450381,\"391\":53.0892450381,\"392\":53.1092450381,\"393\":53.1292450381,\"394\":53.1492450381,\"395\":53.1692450381,\"396\":53.1892450381,\"397\":53.2092450381,\"398\":53.2292450381,\"399\":53.2492450381,\"400\":53.2692450381,\"401\":53.2892450381,\"402\":53.3092450381,\"403\":53.3292450381,\"404\":53.3492450381,\"405\":53.3692450381,\"406\":53.3892450381,\"407\":53.4092450381,\"408\":53.4292450381,\"409\":53.4482450381,\"410\":53.4682450381,\"411\":53.4882450381,\"412\":53.5082450381,\"413\":53.5282450381,\"414\":53.5482450381,\"415\":53.5682450381,\"416\":53.5882450381,\"417\":53.6082450381,\"418\":53.6282450381,\"419\":53.6482450381,\"420\":53.6682450381,\"421\":53.6882450381,\"422\":53.7082450381,\"423\":53.7282450381,\"424\":53.7482450381,\"425\":53.7682450381,\"426\":53.7882450381,\"427\":53.8082450381,\"428\":53.8282450381,\"429\":53.8482450381,\"430\":53.8682450381,\"431\":53.8882450381,\"432\":53.9082450381,\"433\":52.4851238107,\"434\":52.5051238107,\"435\":52.5251238107,\"436\":52.5451238107,\"437\":52.5651238107,\"438\":52.5851238107,\"439\":52.6051238107,\"440\":52.6251238107,\"441\":52.6451238107,\"442\":52.6661238107,\"443\":52.6861238107,\"444\":52.7061238107,\"445\":52.7261238107,\"446\":52.7461238107,\"447\":52.7661238107,\"448\":52.7861238107,\"449\":52.8061238107,\"450\":52.8261238107,\"451\":52.8461238107,\"452\":52.8661238107,\"453\":52.8861238107,\"454\":52.9061238107,\"455\":52.9261238107,\"456\":52.9461238107,\"457\":52.9661238107,\"458\":52.9861238107,\"459\":53.0061238107,\"460\":53.0261238107,\"461\":53.0461238107,\"462\":53.0661238107,\"463\":53.0861238107,\"464\":53.1061238107,\"465\":53.1261238107,\"466\":53.1461238107,\"467\":53.1661238107,\"468\":53.1861238107,\"469\":53.2061238107,\"470\":53.2261238107,\"471\":53.2461238107,\"472\":53.2661238107,\"473\":53.2861238107,\"474\":53.3061238107,\"475\":53.3261238107,\"476\":53.3461238107,\"477\":53.3661238107,\"478\":53.3861238107,\"479\":53.4061238107,\"480\":53.4261238107,\"481\":53.4461238107,\"482\":53.4661238107,\"483\":53.4861238107,\"484\":53.5061238107,\"485\":53.5261238107,\"486\":53.5461238107,\"487\":53.5661238107,\"488\":53.5861238107,\"489\":53.6061238107,\"490\":53.6261238107,\"491\":53.6461238107,\"492\":53.6661238107,\"493\":53.6861238107,\"494\":53.7061238107,\"495\":53.7261238107,\"496\":53.7461238107,\"497\":53.7661238107,\"498\":53.7861238107,\"499\":53.8061238107,\"500\":53.8261238107,\"501\":53.8461238107,\"502\":53.8661238107,\"503\":53.8861238107,\"504\":53.9061238107,\"505\":52.4922834892,\"506\":52.5122834892,\"507\":52.5322834892,\"508\":52.5522834892,\"509\":52.5722834892,\"510\":52.5922834892,\"511\":52.6122834892,\"512\":52.6322834892,\"513\":52.6522834892,\"514\":52.6722834892,\"515\":52.6922834892,\"516\":52.7122834892,\"517\":52.7322834892,\"518\":52.7522834892,\"519\":52.7722834892,\"520\":52.7922834892,\"521\":52.8122834892,\"522\":52.8322834892,\"523\":52.8522834892,\"524\":52.8722834892,\"525\":52.8922834892,\"526\":52.9122834892,\"527\":52.9322834892,\"528\":52.9522834892,\"529\":52.9722834892,\"530\":52.9922834892,\"531\":53.0122834892,\"532\":53.0322834892,\"533\":53.0522834892,\"534\":53.0722834892,\"535\":53.0922834892,\"536\":53.1122834892,\"537\":53.1322834892,\"538\":53.1522834892,\"539\":53.1722834892,\"540\":53.1922834892,\"541\":53.2122834892,\"542\":53.2322834892,\"543\":53.2522834892,\"544\":53.2722834892,\"545\":53.2922834892,\"546\":53.3122834892,\"547\":53.3322834892,\"548\":53.3522834892,\"549\":53.3722834892,\"550\":53.3922834892,\"551\":53.4122834892,\"552\":53.4322834892,\"553\":53.4522834892,\"554\":53.4722834892,\"555\":53.4922834892,\"556\":53.5122834892,\"557\":53.5322834892,\"558\":53.5522834892,\"559\":53.5722834892,\"560\":53.5922834892,\"561\":53.6122834892,\"562\":53.6322834892

4892,\"563\":53.6522834892,\"564\":53.6722834892,\"565\":53.6922834892,\"566\":53.7122834892,\"567\":53.7322834892,\"568\":53.7522834892,\"569\":53.7722834892,\"570\":53.7922834892,\"571\":53.8122834892,\"572\":53.8322834892,\"573\":53.8522834892,\"574\":53.8722834892,\"575\":53.8922834892,\"576\":53.9122834892,\"577\":52.4863879023,\"578\":52.5063879023,\"579\":52.5263879023,\"580\":52.5463879023,\"581\":52.5663879023,\"582\":52.5863879023,\"583\":52.6063879023,\"584\":52.6263879023,\"585\":52.6453879023,\"586\":52.6653879023,\"587\":52.6853879023,\"588\":52.7053879023,\"589\":52.7253879023,\"590\":52.7453879023,\"591\":52.7653879023,\"592\":52.7853879023,\"593\":52.8053879023,\"594\":52.8253879023,\"595\":52.8453879023,\"596\":52.8653879023,\"597\":52.8853879023,\"598\":52.9053879023,\"599\":52.9253879023,\"600\":52.9453879023,\"601\":52.9653879023,\"602\":52.9853879023,\"603\":53.0053879023,\"604\":53.0253879023,\"605\":53.0453879023,\"606\":53.0653879023,\"607\":53.0853879023,\"608\":53.1053879023,\"609\":53.1253879023,\"610\":53.1453879023,\"611\":53.1653879023,\"612\":53.1853879023,\"613\":53.2053879023,\"614\":53.2253879023,\"615\":53.2453879023,\"616\":53.2653879023,\"617\":53.2853879023,\"618\":53.3053879023,\"619\":53.3253879023,\"620\":53.3453879023,\"621\":53.3653879023,\"622\":53.3843879023,\"623\":53.4043879023,\"624\":53.4243879023,\"625\":53.4443879023,\"626\":53.4643879023,\"627\":53.4843879023,\"628\":53.5043879023,\"629\":53.5243879023,\"630\":53.5443879023,\"631\":53.5643879023,\"632\":53.5843879023,\"633\":53.6043879023,\"634\":53.6243879023,\"635\":53.6443879023,\"636\":53.6643879023,\"637\":53.6843879023,\"638\":53.7043879023,\"639\":53.7243879023,\"640\":53.7443879023,\"641\":53.7643879023,\"642\":53.7843879023,\"643\":53.8043879023,\"644\":53.8243879023,\"645\":53.8443879023,\"646\":53.8643879023,\"647\":53.8843879023,\"648\":53.9043879023,\"649\":52.474409286,\"650\":52.494409286,\"651\":52.514409286,\"652\":52.533409286,\"653\":52.553409286,\"654\":52.573409286,\"655\":52.593409286,\"656\":52.613409286,\"657\":52.633409286,\"658\":52.653409286,\"659\":52.673409286,\"660\":52.693409286,\"661\":52.713409286,\"662\":52.733409286,\"663\":52.753409286,\"664\":52.773409286,\"665\":52.793409286,\"666\":52.813409286,\"667\":52.833409286,\"668\":52.853409286,\"669\":52.873409286,\"670\":52.893409286,\"671\":52.913409286,\"672\":52.933409286,\"673\":52.953409286,\"674\":52.973409286,\"675\":52.993409286,\"676\":53.013409286,\"677\":53.033409286,\"678\":53.053409286,\"679\":53.073409286,\"680\":53.093409286,\"681\":53.113409286,\"682\":53.133409286,\"683\":53.153409286,\"684\":53.173409286,\"685\":53.193409286,\"686\":53.213409286,\"687\":53.233409286,\"688\":53.253409286,\"689\":53.273409286,\"690\":53.293409286,\"691\":53.313409286,\"692\":53.333409286,\"693\":53.353409286,\"694\":53.373409286,\"695\":53.393409286,\"696\":53.413409286,\"697\":53.433409286,\"698\":53.453409286,\"699\":53.473409286,\"700\":53.493409286,\"701\":53.513409286,\"702\":53.533409286,\"703\":53.553409286,\"704\":53.573409286,\"705\":53.593409286,\"706\":53.613409286,\"707\":53.633409286,\"708\":53.652409286,\"709\":53.672409286,\"710\":53.692409286,\"711\":53.712409286,\"712\":53.732409286,\"713\":53.752409286,\"714\":53.772409286,\"715\":53.792409286,\"716\":53.812409286,\"717\":53.832409286,\"718\":53.852409286,\"719\":53.872409286,\"720\":53.892409286,\"721\":53.912409286,\"722\":52.4914835212,\"723\":52.5114835212,\"724\":52.5314835212,\"725\":52.5514835212,\"726\":52.5724835212,\"727\":52.5924835212,\"728\":52.6124835212,\"729\":52.6324835212,\"730\":52.6524835212,\"731\":52.6724835212,\"732\":52.6924835212,\"733\":52.7124835212,\"734\":52.7324835212,\"735\":52.7524835212,\"736\":52.7724835212,\"737\":52.7924835212,\"738\":52.8134835212,\"739\":52.8334835212,\"740\":52.853

4835212,\"741\":52.8734835212,\"742\":52.8934835212,\"743\":52.9134835212,\"744\":52.9334835212,\"745\":52.9534835212,\"746\":52.9734835212,\"747\":52.9934835212,\"748\":53.0134835212,\"749\":53.0344835212,\"750\":53.0544835212,\"751\":53.0744835212,\"752\":53.0944835212,\"753\":53.1144835212,\"754\":53.1344835212,\"755\":53.1544835212,\"756\":53.1744835212,\"757\":53.1944835212,\"758\":53.2144835212,\"759\":53.2344835212,\"760\":53.2544835212,\"761\":53.2754835212,\"762\":53.2954835212,\"763\":53.3154835212,\"764\":53.3354835212,\"765\":53.3554835212,\"766\":53.3754835212,\"767\":53.3954835212,\"768\":53.4154835212,\"769\":53.4354835212,\"770\":53.4554835212,\"771\":53.4754835212,\"772\":53.4954835212,\"773\":53.5164835212,\"774\":53.5364835212,\"775\":53.5564835212,\"776\":53.5764835212,\"777\":53.5964835212,\"778\":53.6164835212,\"779\":53.6364835212,\"780\":53.6564835212,\"781\":53.6764835212,\"782\":53.6964835212,\"783\":53.7164835212,\"784\":53.7374835212,\"785\":53.7574835212,\"786\":53.7774835212,\"787\":53.7974835212,\"788\":53.8174835212,\"789\":53.8374835212,\"790\":53.8574835212,\"791\":53.8774835212,\"792\":53.8974835212,\"793\":52.4841954856,\"794\":52.5041954856,\"795\":52.5241954856,\"796\":52.5441954856,\"797\":52.5641954856,\"798\":52.5841954856,\"799\":52.6041954856,\"800\":52.6241954856,\"801\":52.6441954856,\"802\":52.6641954856,\"803\":52.6851954856,\"804\":52.7051954856,\"805\":52.7251954856,\"806\":52.7451954856,\"807\":52.7651954856,\"808\":52.7851954856,\"809\":52.8051954856,\"810\":52.8251954856,\"811\":52.8451954856,\"812\":52.8651954856,\"813\":52.8851954856,\"814\":52.9051954856,\"815\":52.9251954856,\"816\":52.9451954856,\"817\":52.9651954856,\"818\":52.9851954856,\"819\":53.0051954856,\"820\":53.0251954856,\"821\":53.0451954856,\"822\":53.0651954856,\"823\":53.0851954856,\"824\":53.1051954856,\"825\":53.1251954856,\"826\":53.1451954856,\"827\":53.1651954856,\"828\":53.1851954856,\"829\":53.2051954856,\"830\":53.2251954856,\"831\":53.2451954856,\"832\":53.2651954856,\"833\":53.2851954856,\"834\":53.3051954856,\"835\":53.3251954856,\"836\":53.3451954856,\"837\":53.3651954856,\"838\":53.3851954856,\"839\":53.4051954856,\"840\":53.4251954856,\"841\":53.4451954856,\"842\":53.4651954856,\"843\":53.4851954856,\"844\":53.5051954856,\"845\":53.5251954856,\"846\":53.5451954856,\"847\":53.5651954856,\"848\":53.5851954856,\"849\":53.6051954856,\"850\":53.6251954856,\"851\":53.6451954856,\"852\":53.6651954856,\"853\":53.6851954856,\"854\":53.7051954856,\"855\":53.7251954856,\"856\":53.7451954856,\"857\":53.7651954856,\"858\":53.7851954856,\"859\":53.8051954856,\"860\":53.8251954856,\"861\":53.8461954856,\"862\":53.8661954856,\"863\":53.8861954856,\"864\":53.9061954856,\"865\":52.4799886202,\"866\":52.4999886202,\"867\":52.5199886202,\"868\":52.5399886202,\"869\":52.5599886202,\"870\":52.5799886202,\"871\":52.5999886202,\"872\":52.6199886202,\"873\":52.6399886202,\"874\":52.6599886202,\"875\":52.6799886202,\"876\":52.6999886202,\"877\":52.7199886202,\"878\":52.7399886202,\"879\":52.7599886202,\"880\":52.7799886202,\"881\":52.7999886202,\"882\":52.8199886202,\"883\":52.8399886202,\"884\":52.8599886202,\"885\":52.8799886202,\"886\":52.8999886202,\"887\":52.9199886202,\"888\":52.9399886202,\"889\":52.9599886202,\"890\":52.9799886202,\"891\":52.9999886202,\"892\":53.0199886202,\"893\":53.0399886202,\"894\":53.0599886202,\"895\":53.0799886202,\"896\":53.0999886202,\"897\":53.1199886202,\"898\":53.1399886202,\"899\":53.1599886202,\"900\":53.1799886202,\"901\":53.1999886202,\"902\":53.2199886202,\"903\":53.2399886202,\"904\":53.2599886202,\"905\":53.2799886202,\"906\":53.3009886202,\"907\":53.3209886202,\"908\":53.3409886202,\"909\":53.3609886202,\"910\":53.3809886202,\"911\":53.4009886202,\"912\":53.4209886202,\"913\":53.4409886202,\"914\":53.4609886202,\"91

5\" : 53.4809886202, \"916\" : 53.5009886202, \"917\" : 53.5209886202, \"918\" : 53.5409886202, \"919\" : 53.5609886202, \"920\" : 53.5809886202, \"921\" : 53.6009886202, \"922\" : 53.6209886202, \"923\" : 53.6409886202, \"924\" : 53.6609886202, \"925\" : 53.6809886202, \"926\" : 53.7009886202, \"927\" : 53.7209886202, \"928\" : 53.7409886202, \"929\" : 53.7609886202, \"930\" : 53.7809886202, \"931\" : 53.8009886202, \"932\" : 53.8209886202, \"933\" : 53.8409886202, \"934\" : 53.8609886202, \"935\" : 53.8809886202, \"936\" : 53.9009886202, \"937\" : 52.486721557, \"938\" : 52.506721557, \"939\" : 52.526721557, \"940\" : 52.546721557, \"941\" : 52.566721557, \"942\" : 52.586721557, \"943\" : 52.606721557, \"944\" : 52.626721557, \"945\" : 52.646721557, \"946\" : 52.666721557, \"947\" : 52.686721557, \"948\" : 52.706721557, \"949\" : 52.726721557, \"950\" : 52.746721557, \"951\" : 52.766721557, \"952\" : 52.786721557, \"953\" : 52.807721557, \"954\" : 52.827721557, \"955\" : 52.847721557, \"956\" : 52.867721557, \"957\" : 52.887721557, \"958\" : 52.907721557, \"959\" : 52.927721557, \"960\" : 52.947721557, \"961\" : 52.967721557, \"962\" : 52.987721557, \"963\" : 53.007721557, \"964\" : 53.027721557, \"965\" : 53.047721557, \"966\" : 53.067721557, \"967\" : 53.087721557, \"968\" : 53.107721557, \"969\" : 53.127721557, \"970\" : 53.147721557, \"971\" : 53.167721557, \"972\" : 53.187721557, \"973\" : 53.207721557, \"974\" : 53.227721557, \"975\" : 53.247721557, \"976\" : 53.267721557, \"977\" : 53.287721557, \"978\" : 53.307721557, \"979\" : 53.327721557, \"980\" : 53.347721557, \"981\" : 53.367721557, \"982\" : 53.387721557, \"983\" : 53.407721557, \"984\" : 53.427721557, \"985\" : 53.447721557, \"986\" : 53.467721557, \"987\" : 53.487721557, \"988\" : 53.507721557, \"989\" : 53.527721557, \"990\" : 53.547721557, \"991\" : 53.567721557, \"992\" : 53.587721557, \"993\" : 53.608721557, \"994\" : 53.628721557, \"995\" : 53.648721557, \"996\" : 53.668721557, \"997\" : 53.688721557, \"998\" : 53.708721557, \"999\" : 53.728721557, \"1000\" : 53.748721557, \"1001\" : 53.768721557, \"1002\" : 53.788721557, \"1003\" : 53.808721557, \"1004\" : 53.828721557, \"1005\" : 53.848721557, \"1006\" : 53.868721557, \"1007\" : 53.888721557, \"1008\" : 53.908721557, \"1009\" : 53.6774341745, \"1010\" : 53.6974341745, \"1011\" : 53.7174341745, \"1012\" : 53.7374341745, \"1013\" : 53.7574341745, \"1014\" : 53.7774341745, \"1015\" : 53.7974341745, \"1016\" : 53.8174341745, \"1017\" : 53.8374341745, \"1018\" : 53.8574341745, \"1019\" : 53.8774341745, \"1020\" : 53.8974341745}, \"x\" : { \"0\" : -0.769, \"1\" : -0.832, \"2\" : -0.825, \"3\" : -0.763, \"4\" : -1.037, \"5\" : -0.807, \"6\" : -1.028, \"7\" : -0.87, \"8\" : -0.994, \"9\" : -1.221, \"10\" : -1.014, \"11\" : -1.26, \"12\" : -1.547, \"13\" : -0.827, \"14\" : -1.359, \"15\" : -0.898, \"16\" : -1.264, \"17\" : -0.773, \"18\" : -0.839, \"19\" : -1.022, \"20\" : -0.871, \"21\" : -0.915, \"22\" : -0.96, \"23\" : -0.862, \"24\" : -1.014, \"25\" : -1.251, \"26\" : -0.858, \"27\" : -0.863, \"28\" : -1.262, \"29\" : -1.012, \"30\" : -1.088, \"31\" : -1.06, \"32\" : -1.065, \"33\" : -1.059, \"34\" : -0.777, \"35\" : -1.186, \"36\" : -0.835, \"37\" : -0.768, \"38\" : -1.031, \"39\" : -0.993, \"40\" : -0.631, \"41\" : -1.084, \"42\" : -0.948, \"43\" : -1.203, \"44\" : -0.805, \"45\" : -1.38, \"46\" : -0.852, \"47\" : -1.075, \"48\" : -1.206, \"49\" : -0.901, \"50\" : -1.012, \"51\" : -1.085, \"52\" : -0.973, \"53\" : -1.248, \"54\" : -1.06, \"55\" : -0.972, \"56\" : -1.105, \"57\" : -0.841, \"58\" : -0.937, \"59\" : -0.899, \"60\" : -0.894, \"61\" : -0.943, \"62\" : -0.805, \"63\" : -0.898, \"64\" : -0.935, \"65\" : -1.008, \"66\" : -0.918, \"67\" : -1.103, \"68\" : -0.98, \"69\" : -0.945, \"70\" : -1.09, \"71\" : -1.011, \"72\" : -0.917, \"73\" : -0.94, \"74\" : -0.963, \"75\" : -1.009, \"76\" : -0.908, \"77\" : -1.048, \"78\" : -0.921, \"79\" : -1.066, \"80\" : -0.942, \"81\" : -0.964, \"82\" : -0.998, \"83\" : -0.83, \"84\" : -1.136, \"85\" : -0.946, \"86\" : -1.052, \"87\" : -0.968, \"88\" : -1.142, \"89\" : -1.114, \"90\" : -0.952, \"91\" : -1.009, \"92\" : -0.893, \"93\" : -1.037, \"94\" : -0.959, \"95\" : -1.035, \"96\" : -0.93, \"97\" : -1.031, \"98\" : -

0.915,\"99\":-1.043,\"100\":-0.95,\"101\":-1.001,\"102\":-0.957,\"103\":-1.054,\"104\":-1.013,\"105\":-0.928,\"106\":-1.117,\"107\":-0.871,\"108\":-1.12,\"109\":-0.921,\"110\":-1.016,\"111\":-1.045,\"112\":-0.947,\"113\":-0.868,\"114\":-0.934,\"115\":-0.933,\"116\":-0.966,\"117\":-0.987,\"118\":-0.971,\"119\":-0.94,\"120\":-0.979,\"121\":-0.931,\"122\":-0.919,\"123\":-1.006,\"124\":-0.943,\"125\":-1.017,\"126\":-0.888,\"127\":-1.047,\"128\":-0.907,\"129\":-1.02,\"130\":-0.951,\"131\":-1.058,\"132\":-0.93,\"133\":-1.055,\"134\":-0.94,\"135\":-1.047,\"136\":-1.014,\"137\":-1.062,\"138\":-1.015,\"139\":-1.057,\"140\":-1.013,\"141\":-1.073,\"142\":-1.08,\"143\":-1.059,\"144\":-1.062,\"145\":1.039,\"146\":0.972,\"147\":1.034,\"148\":1.023,\"149\":1.031,\"150\":0.977,\"151\":1.074,\"152\":0.963,\"153\":1.033,\"154\":0.929,\"155\":0.994,\"156\":0.999,\"157\":0.953,\"158\":1.022,\"159\":0.956,\"160\":1.041,\"161\":1.004,\"162\":0.963,\"163\":0.98,\"164\":1.05,\"165\":0.95,\"166\":1.011,\"167\":1.003,\"168\":0.934,\"169\":1.046,\"170\":0.971,\"171\":0.967,\"172\":1.003,\"173\":0.996,\"174\":0.997,\"175\":1.033,\"176\":0.975,\"177\":1.046,\"178\":1.015,\"179\":0.99,\"180\":0.975,\"181\":1.056,\"182\":0.932,\"183\":1.051,\"184\":0.967,\"185\":1.04,\"186\":1.0,\"187\":1.09,\"188\":0.925,\"189\":1.063,\"190\":1.054,\"191\":0.975,\"192\":1.064,\"193\":0.977,\"194\":0.969,\"195\":0.979,\"196\":0.941,\"197\":0.943,\"198\":1.037,\"199\":0.97,\"200\":1.05,\"201\":0.992,\"202\":1.055,\"203\":1.032,\"204\":1.002,\"205\":0.979,\"206\":0.995,\"207\":0.994,\"208\":1.052,\"209\":0.992,\"210\":1.011,\"211\":1.043,\"212\":1.004,\"213\":1.024,\"214\":0.96,\"215\":1.076,\"216\":0.928,\"217\":1.043,\"218\":1.069,\"219\":1.006,\"220\":0.844,\"221\":1.133,\"222\":1.062,\"223\":1.023,\"224\":1.233,\"225\":0.95,\"226\":1.072,\"227\":1.058,\"228\":1.034,\"229\":0.976,\"230\":0.965,\"231\":1.112,\"232\":1.09,\"233\":1.049,\"234\":1.058,\"235\":1.03,\"236\":1.003,\"237\":1.163,\"238\":0.906,\"239\":1.079,\"240\":1.064,\"241\":1.013,\"242\":0.985,\"243\":1.16,\"244\":0.992,\"245\":1.146,\"246\":1.072,\"247\":1.077,\"248\":1.306,\"249\":1.125,\"250\":1.184,\"251\":1.231,\"252\":1.146,\"253\":1.253,\"254\":1.14,\"255\":1.049,\"256\":1.124,\"257\":1.09,\"258\":0.899,\"259\":0.919,\"260\":1.038,\"261\":0.976,\"262\":0.915,\"263\":0.989,\"264\":0.948,\"265\":1.046,\"266\":1.031,\"267\":0.888,\"268\":0.937,\"269\":1.045,\"270\":0.986,\"271\":0.994,\"272\":1.084,\"273\":1.022,\"274\":0.965,\"275\":1.203,\"276\":1.047,\"277\":1.005,\"278\":1.097,\"279\":1.253,\"280\":0.992,\"281\":0.902,\"282\":1.402,\"283\":1.005,\"284\":0.952,\"285\":1.04,\"286\":1.017,\"287\":1.03,\"288\":0.949,\"289\":1.064,\"290\":0.885,\"291\":1.104,\"292\":0.864,\"293\":1.008,\"294\":0.956,\"295\":0.978,\"296\":0.843,\"297\":0.995,\"298\":0.936,\"299\":0.992,\"300\":0.901,\"301\":1.044,\"302\":0.995,\"303\":0.924,\"304\":0.946,\"305\":1.028,\"306\":1.005,\"307\":0.912,\"308\":0.995,\"309\":0.975,\"310\":1.02,\"311\":1.013,\"312\":0.978,\"313\":0.907,\"314\":1.074,\"315\":1.014,\"316\":0.947,\"317\":0.977,\"318\":1.03,\"319\":0.997,\"320\":0.958,\"321\":1.062,\"322\":1.001,\"323\":0.995,\"324\":1.001,\"325\":1.02,\"326\":0.996,\"327\":0.948,\"328\":1.009,\"329\":0.986,\"330\":0.941,\"331\":0.984,\"332\":1.04,\"333\":0.988,\"334\":0.976,\"335\":0.973,\"336\":0.914,\"337\":1.092,\"338\":1.011,\"339\":1.019,\"340\":0.924,\"341\":1.072,\"342\":1.032,\"343\":0.973,\"344\":0.991,\"345\":1.001,\"346\":0.986,\"347\":0.989,\"348\":0.998,\"349\":1.009,\"350\":0.951,\"351\":1.058,\"352\":0.992,\"353\":1.01,\"354\":0.938,\"355\":1.134,\"356\":1.01,\"357\":0.998,\"358\":0.996,\"359\":1.059,\"360\":0.984,\"361\":-0.992,\"362\":-

1.013,\"363\":-1.012,\"364\":-1.012,\"365\":-0.989,\"366\":-0.998,\"367\":-  
 1.005,\"368\":-0.986,\"369\":-0.972,\"370\":-1.001,\"371\":-0.996,\"372\":-  
 0.99,\"373\":-0.981,\"374\":-0.999,\"375\":-0.982,\"376\":-0.994,\"377\":-  
 0.979,\"378\":-0.986,\"379\":-0.972,\"380\":-0.987,\"381\":-1.0,\"382\":-  
 0.99,\"383\":-0.971,\"384\":-0.994,\"385\":-0.994,\"386\":-0.991,\"387\":-  
 0.984,\"388\":-0.995,\"389\":-0.987,\"390\":-0.998,\"391\":-0.984,\"392\":-  
 0.99,\"393\":-0.982,\"394\":-0.961,\"395\":-0.994,\"396\":-0.98,\"397\":-  
 0.979,\"398\":-0.982,\"399\":-0.996,\"400\":-0.989,\"401\":-0.979,\"402\":-  
 0.99,\"403\":-0.993,\"404\":-0.98,\"405\":-0.989,\"406\":-0.989,\"407\":-  
 0.989,\"408\":-0.975,\"409\":-0.97,\"410\":-0.986,\"411\":-0.984,\"412\":-  
 0.969,\"413\":-0.966,\"414\":-0.987,\"415\":-0.989,\"416\":-0.978,\"417\":-  
 0.98,\"418\":-0.984,\"419\":-0.961,\"420\":-0.983,\"421\":-0.993,\"422\":-  
 0.985,\"423\":-0.992,\"424\":-0.989,\"425\":-0.993,\"426\":-0.988,\"427\":-  
 0.982,\"428\":-0.993,\"429\":-1.012,\"430\":-1.011,\"431\":-0.995,\"432\":-  
 1.014,\"433\":-1.024,\"434\":-1.002,\"435\":-0.856,\"436\":-0.965,\"437\":-  
 1.166,\"438\":-1.069,\"439\":-0.693,\"440\":-0.99,\"441\":-0.909,\"442\":-  
 1.139,\"443\":-1.126,\"444\":-0.912,\"445\":-0.969,\"446\":-1.144,\"447\":-  
 1.047,\"448\":-0.947,\"449\":-0.813,\"450\":-0.963,\"451\":-1.199,\"452\":-  
 1.035,\"453\":-1.097,\"454\":-0.914,\"455\":-0.993,\"456\":-1.051,\"457\":-  
 0.988,\"458\":-1.023,\"459\":-1.042,\"460\":-1.083,\"461\":-1.009,\"462\":-  
 0.929,\"463\":-1.16,\"464\":-1.192,\"465\":-0.725,\"466\":-1.061,\"467\":-  
 1.186,\"468\":-1.038,\"469\":-0.933,\"470\":-0.909,\"471\":-0.926,\"472\":-  
 0.929,\"473\":-0.942,\"474\":-0.918,\"475\":-1.062,\"476\":-1.088,\"477\":-  
 1.029,\"478\":-0.865,\"479\":-1.013,\"480\":-1.072,\"481\":-1.051,\"482\":-  
 0.884,\"483\":-0.998,\"484\":-1.085,\"485\":-1.018,\"486\":-0.893,\"487\":-  
 0.989,\"488\":-1.037,\"489\":-0.953,\"490\":-0.816,\"491\":-0.915,\"492\":-  
 0.944,\"493\":-0.97,\"494\":-0.955,\"495\":-0.872,\"496\":-0.985,\"497\":-  
 0.99,\"498\":-0.82,\"499\":-0.975,\"500\":-0.947,\"501\":-1.046,\"502\":-  
 0.974,\"503\":-0.882,\"504\":-  
 0.966,\"505\":0.974,\"506\":1.016,\"507\":0.994,\"508\":1.005,\"509\":1.02,\"510  
 \":1.038,\"511\":0.972,\"512\":0.994,\"513\":1.031,\"514\":0.967,\"515\":1.012,\"  
 \"516\":0.946,\"517\":0.991,\"518\":1.024,\"519\":0.98,\"520\":0.974,\"521\":0.98  
 5,\"522\":0.984,\"523\":1.005,\"524\":0.995,\"525\":0.902,\"526\":1.062,\"527\":  
 1.025,\"528\":0.937,\"529\":0.997,\"530\":0.993,\"531\":0.972,\"532\":1.005,\"53  
 3\":1.009,\"534\":0.984,\"535\":1.013,\"536\":0.996,\"537\":0.978,\"538\":0.994,  
 \"539\":0.973,\"540\":1.006,\"541\":1.01,\"542\":1.002,\"543\":0.994,\"544\":1.0  
 13,\"545\":1.016,\"546\":0.964,\"547\":1.001,\"548\":0.975,\"549\":0.954,\"550\"  
 :0.966,\"551\":0.964,\"552\":0.973,\"553\":0.964,\"554\":0.947,\"555\":0.978,\"5  
 56\":0.973,\"557\":1.031,\"558\":0.978,\"559\":1.033,\"560\":1.037,\"561\":1.003  
 ,\"562\":0.972,\"563\":1.037,\"564\":1.072,\"565\":0.913,\"566\":1.014,\"567\":1  
 .058,\"568\":1.012,\"569\":1.008,\"570\":0.895,\"571\":0.912,\"572\":0.981,\"573  
 \":0.995,\"574\":0.939,\"575\":1.006,\"576\":0.997,\"577\":-0.919,\"578\":-  
 0.961,\"579\":-0.979,\"580\":-0.941,\"581\":-0.911,\"582\":-0.946,\"583\":-  
 0.951,\"584\":-0.931,\"585\":-0.983,\"586\":-1.032,\"587\":-0.997,\"588\":-  
 1.003,\"589\":-1.02,\"590\":-0.994,\"591\":-1.012,\"592\":-1.04,\"593\":-  
 1.006,\"594\":-0.993,\"595\":-0.991,\"596\":-0.993,\"597\":-0.964,\"598\":-  
 0.963,\"599\":-1.004,\"600\":-0.982,\"601\":-0.953,\"602\":-1.004,\"603\":-  
 1.019,\"604\":-0.96,\"605\":-0.946,\"606\":-0.993,\"607\":-0.986,\"608\":-

0.951,\"609\":-0.965,\"610\":-1.023,\"611\":-0.981,\"612\":-0.981,\"613\":-1.006,\"614\":-0.998,\"615\":-0.937,\"616\":-0.968,\"617\":-1.001,\"618\":-0.955,\"619\":-0.932,\"620\":-0.967,\"621\":-0.97,\"622\":-0.966,\"623\":-0.955,\"624\":-0.995,\"625\":-0.992,\"626\":-0.98,\"627\":-0.996,\"628\":-0.97,\"629\":-0.964,\"630\":-0.981,\"631\":-0.998,\"632\":-1.009,\"633\":-0.968,\"634\":-0.953,\"635\":-0.948,\"636\":-0.984,\"637\":-0.977,\"638\":-0.966,\"639\":-0.977,\"640\":-0.997,\"641\":-0.975,\"642\":-0.989,\"643\":-0.966,\"644\":-1.004,\"645\":-1.004,\"646\":-0.976,\"647\":-0.972,\"648\":-0.99,\"649\":1.005,\"650\":0.97,\"651\":0.951,\"652\":0.948,\"653\":1.031,\"654\":0.975,\"655\":0.987,\"656\":0.909,\"657\":0.942,\"658\":0.965,\"659\":0.835,\"660\":0.961,\"661\":0.921,\"662\":0.973,\"663\":1.037,\"664\":0.921,\"665\":0.96,\"666\":0.993,\"667\":0.949,\"668\":1.005,\"669\":0.909,\"670\":0.944,\"671\":1.062,\"672\":1.039,\"673\":1.015,\"674\":1.005,\"675\":0.993,\"676\":1.044,\"677\":1.004,\"678\":1.078,\"679\":0.988,\"680\":0.976,\"681\":1.053,\"682\":0.979,\"683\":1.009,\"684\":1.025,\"685\":0.992,\"686\":1.07,\"687\":0.999,\"688\":0.955,\"689\":1.049,\"690\":1.005,\"691\":0.961,\"692\":1.002,\"693\":0.912,\"694\":0.97,\"695\":0.996,\"696\":0.876,\"697\":0.975,\"698\":0.956,\"699\":1.022,\"700\":1.068,\"701\":0.977,\"702\":1.04,\"703\":1.004,\"704\":0.962,\"705\":1.039,\"706\":0.939,\"707\":0.992,\"708\":1.0,\"709\":0.96,\"710\":1.002,\"711\":0.987,\"712\":1.012,\"713\":0.986,\"714\":0.989,\"715\":0.996,\"716\":0.98,\"717\":1.082,\"718\":0.911,\"719\":0.983,\"720\":1.013,\"721\":0.947,\"722\":-0.999,\"723\":-0.999,\"724\":-0.987,\"725\":-1.012,\"726\":-0.991,\"727\":-1.01,\"728\":-1.01,\"729\":-0.992,\"730\":-1.011,\"731\":-0.987,\"732\":-0.996,\"733\":-0.989,\"734\":-0.987,\"735\":-1.014,\"736\":-0.984,\"737\":-1.003,\"738\":-1.009,\"739\":-0.998,\"740\":-1.01,\"741\":-0.989,\"742\":-1.002,\"743\":-1.002,\"744\":-0.987,\"745\":-1.01,\"746\":-0.99,\"747\":-1.006,\"748\":-1.01,\"749\":-0.995,\"750\":-1.013,\"751\":-0.99,\"752\":-0.993,\"753\":-1.003,\"754\":-0.991,\"755\":-1.009,\"756\":-0.997,\"757\":-1.002,\"758\":-1.014,\"759\":-0.993,\"760\":-1.01,\"761\":-0.999,\"762\":-0.988,\"763\":-1.002,\"764\":-0.986,\"765\":-1.008,\"766\":-1.007,\"767\":-0.995,\"768\":-1.012,\"769\":-0.991,\"770\":-0.999,\"771\":-1.006,\"772\":-0.983,\"773\":-1.006,\"774\":-0.99,\"775\":-1.001,\"776\":-1.018,\"777\":-0.996,\"778\":-1.009,\"779\":-0.991,\"780\":-0.997,\"781\":-1.01,\"782\":-0.981,\"783\":-1.006,\"784\":-0.998,\"785\":-0.999,\"786\":-1.016,\"787\":-0.986,\"788\":-1.012,\"789\":-1.002,\"790\":-0.987,\"791\":-1.01,\"792\":-0.981,\"793\":0.989,\"794\":0.996,\"795\":0.989,\"796\":0.992,\"797\":1.0,\"798\":1.001,\"799\":0.995,\"800\":1.004,\"801\":1.002,\"802\":0.999,\"803\":0.996,\"804\":0.995,\"805\":0.993,\"806\":0.997,\"807\":0.991,\"808\":0.998,\"809\":0.995,\"810\":0.992,\"811\":0.991,\"812\":0.998,\"813\":0.992,\"814\":0.993,\"815\":0.994,\"816\":0.993,\"817\":0.989,\"818\":0.995,\"819\":0.996,\"820\":0.994,\"821\":0.992,\"822\":0.995,\"823\":0.99,\"824\":0.987,\"825\":0.99,\"826\":0.996,\"827\":0.989,\"828\":0.993,\"829\":0.991,\"830\":0.989,\"831\":0.992,\"832\":0.992,\"833\":0.992,\"834\":0.994,\"835\":0.993,\"836\":0.994,\"837\":0.986,\"838\":0.99,\"839\":0.987,\"840\":0.985,\"841\":0.993,\"842\":0.994,\"843\":0.982,\"844\":0.992,\"845\":1.001,\"846\":0.993,\"847\":0.983,\"848\":0.993,\"849\":1.0,\"850\":0.988,\"851\":0.997,\"852\":1.001,\"853\":0.991,\"854\":1.004,\"855\":0.999,\"856\":0.991,\"857\":0.994,\"858\":0.986,\"859\":0.994,\"860\":0.976,\"861\":0.993,\"862\":0.978,\"863\":0.995,\"864\":0.971,\"865\":-0.979,\"866\":-

0.986,\"867\":-0.996,\"868\":-0.977,\"869\":-0.999,\"870\":-0.984,\"871\":-  
 0.984,\"872\":-1.003,\"873\":-0.975,\"874\":-0.992,\"875\":-0.996,\"876\":-  
 0.975,\"877\":-1.004,\"878\":-0.975,\"879\":-0.988,\"880\":-0.999,\"881\":-  
 0.969,\"882\":-1.004,\"883\":-0.984,\"884\":-0.978,\"885\":-1.006,\"886\":-  
 0.971,\"887\":-1.0,\"888\":-0.989,\"889\":-0.974,\"890\":-1.008,\"891\":-  
 0.972,\"892\":-0.993,\"893\":-0.995,\"894\":-0.971,\"895\":-1.004,\"896\":-  
 0.983,\"897\":-0.989,\"898\":-0.997,\"899\":-0.974,\"900\":-1.002,\"901\":-  
 0.988,\"902\":-0.975,\"903\":-1.002,\"904\":-0.98,\"905\":-0.991,\"906\":-  
 0.996,\"907\":-0.981,\"908\":-0.999,\"909\":-0.98,\"910\":-0.987,\"911\":-  
 0.999,\"912\":-0.974,\"913\":-0.994,\"914\":-0.99,\"915\":-0.98,\"916\":-  
 1.005,\"917\":-0.977,\"918\":-0.992,\"919\":-0.997,\"920\":-0.972,\"921\":-  
 1.004,\"922\":-0.978,\"923\":-0.98,\"924\":-1.008,\"925\":-0.975,\"926\":-  
 0.998,\"927\":-0.985,\"928\":-0.984,\"929\":-1.003,\"930\":-0.974,\"931\":-  
 1.001,\"932\":-0.994,\"933\":-0.97,\"934\":-1.009,\"935\":-0.98,\"936\":-  
 0.993,\"937\":-0.997,\"938\":-1.003,\"939\":-1.008,\"940\":-1.011,\"941\":-  
 1.001,\"942\":-0.988,\"943\":-0.984,\"944\":-0.989,\"945\":-0.997,\"946\":-  
 1.003,\"947\":-0.999,\"948\":-0.988,\"949\":-0.986,\"950\":-0.993,\"951\":-  
 1.001,\"952\":-1.002,\"953\":-0.997,\"954\":-0.997,\"955\":-0.995,\"956\":-  
 0.992,\"957\":-0.988,\"958\":-0.985,\"959\":-0.987,\"960\":-1.002,\"961\":-  
 1.009,\"962\":-1.006,\"963\":-0.992,\"964\":-0.979,\"965\":-0.985,\"966\":-  
 0.997,\"967\":-1.003,\"968\":-1.0,\"969\":-0.998,\"970\":-0.992,\"971\":-  
 0.989,\"972\":-0.988,\"973\":-0.995,\"974\":-1.0,\"975\":-0.998,\"976\":-  
 0.991,\"977\":-0.991,\"978\":-0.994,\"979\":-1.002,\"980\":-0.997,\"981\":-  
 0.989,\"982\":-0.982,\"983\":-0.987,\"984\":-0.999,\"985\":-1.01,\"986\":-  
 1.014,\"987\":-1.004,\"988\":-0.991,\"989\":-0.997,\"990\":-1.004,\"991\":-  
 0.998,\"992\":-0.99,\"993\":-0.991,\"994\":-1.0,\"995\":-0.999,\"996\":-  
 0.991,\"997\":-0.991,\"998\":-0.994,\"999\":-0.993,\"1000\":-0.995,\"1001\":-  
 1.0,\"1002\":-0.998,\"1003\":-0.987,\"1004\":-0.987,\"1005\":-1.001,\"1006\":-  
 1.001,\"1007\":-0.992,\"1008\":-0.987,\"1009\":-0.983,\"1010\":-0.967,\"1011\":-  
 1.003,\"1012\":-1.009,\"1013\":-0.974,\"1014\":-0.977,\"1015\":-1.01,\"1016\":-  
 0.996,\"1017\":-0.971,\"1018\":-0.984,\"1019\":-1.014,\"1020\":-  
 0.993},\"y\":{\"0\":0.035,\"1\":0.186,\"2\":-  
 0.267,\"3\":0.109,\"4\":0.076,\"5\":-0.1,\"6\":-0.059,\"7\":-0.058,\"8\":-  
 0.053,\"9\":0.125,\"10\":-0.368,\"11\":-0.09,\"12\":-  
 0.16,\"13\":0.204,\"14\":0.02,\"15\":-0.094,\"16\":-  
 0.237,\"17\":0.298,\"18\":0.147,\"19\":0.077,\"20\":0.067,\"21\":0.271,\"22\":0.  
 178,\"23\":0.026,\"24\":-0.062,\"25\":0.037,\"26\":0.096,\"27\":0.063,\"28\":-  
 0.159,\"29\":-0.244,\"30\":-0.042,\"31\":-  
 0.069,\"32\":0.019,\"33\":0.014,\"34\":-0.013,\"35\":-0.05,\"36\":0.158,\"37\":-  
 0.06,\"38\":0.0,\"39\":0.199,\"40\":0.271,\"41\":0.183,\"42\":0.242,\"43\":0.075  
 ,\"44\":0.085,\"45\":0.105,\"46\":0.093,\"47\":0.182,\"48\":0.08,\"49\":-  
 0.255,\"50\":-0.19,\"51\":-0.05,\"52\":-0.085,\"53\":-0.175,\"54\":-  
 0.112,\"55\":-0.188,\"56\":-0.02,\"57\":-0.066,\"58\":-0.068,\"59\":-  
 0.168,\"60\":-  
 0.07,\"61\":0.056,\"62\":0.265,\"63\":0.075,\"64\":0.122,\"65\":0.107,\"66\":0.0  
 77,\"67\":0.029,\"68\":0.117,\"69\":0.072,\"70\":0.043,\"71\":0.09,\"72\":-  
 0.008,\"73\":-0.016,\"74\":-0.031,\"75\":-  
 0.008,\"76\":0.041,\"77\":0.034,\"78\":0.008,\"79\":-0.056,\"80\":-



0.001,\"81\":0.047,\"82\":-0.022,\"83\":0.037,\"84\":-0.146,\"85\":-  
0.063,\"86\":0.057,\"87\":-0.135,\"88\":-0.097,\"89\":-0.171,\"90\":-  
0.115,\"91\":-0.001,\"92\":0.046,\"93\":-  
0.051,\"94\":0.003,\"95\":0.031,\"96\":-0.011,\"97\":-  
0.009,\"98\":0.041,\"99\":-0.006,\"100\":0.064,\"101\":0.069,\"102\":-  
0.008,\"103\":0.02,\"104\":0.001,\"105\":-  
0.091,\"106\":0.122,\"107\":0.064,\"108\":-  
0.197,\"109\":0.158,\"110\":0.063,\"111\":-0.039,\"112\":-  
0.077,\"113\":0.035,\"114\":-0.008,\"115\":-0.008,\"116\":0.0,\"117\":-  
0.043,\"118\":-0.012,\"119\":-  
0.055,\"120\":0.032,\"121\":0.038,\"122\":0.02,\"123\":0.042,\"124\":-  
0.008,\"125\":0.056,\"126\":0.0,\"127\":-0.004,\"128\":0.007,\"129\":-  
0.022,\"130\":-0.038,\"131\":0.024,\"132\":0.044,\"133\":-  
0.014,\"134\":0.044,\"135\":-0.026,\"136\":-  
0.017,\"137\":0.002,\"138\":0.04,\"139\":0.059,\"140\":0.081,\"141\":0.028,\"142  
\":-0.094,\"143\":0.072,\"144\":0.118,\"145\":-0.027,\"146\":-0.039,\"147\":-  
0.013,\"148\":-0.011,\"149\":0.0,\"150\":-0.019,\"151\":-  
0.022,\"152\":0.011,\"153\":-0.058,\"154\":-0.045,\"155\":-  
0.009,\"156\":0.014,\"157\":0.012,\"158\":-0.085,\"159\":-  
0.003,\"160\":0.008,\"161\":-0.01,\"162\":-0.005,\"163\":-0.027,\"164\":-  
0.041,\"165\":-0.007,\"166\":-0.039,\"167\":0.007,\"168\":0.02,\"169\":-  
0.018,\"170\":-0.036,\"171\":-0.025,\"172\":0.008,\"173\":-  
0.045,\"174\":0.02,\"175\":-0.033,\"176\":0.029,\"177\":-  
0.031,\"178\":0.037,\"179\":0.004,\"180\":0.007,\"181\":-  
0.021,\"182\":0.011,\"183\":0.008,\"184\":-  
0.037,\"185\":0.071,\"186\":0.027,\"187\":-0.049,\"188\":0.045,\"189\":-  
0.011,\"190\":-0.027,\"191\":0.028,\"192\":-0.032,\"193\":-0.011,\"194\":-  
0.021,\"195\":-0.045,\"196\":-0.032,\"197\":-0.052,\"198\":-0.053,\"199\":-  
0.07,\"200\":0.005,\"201\":0.001,\"202\":-0.038,\"203\":0.026,\"204\":-  
0.037,\"205\":-0.128,\"206\":-0.009,\"207\":-0.019,\"208\":-0.026,\"209\":-  
0.014,\"210\":0.02,\"211\":-0.008,\"212\":-  
0.028,\"213\":0.0,\"214\":0.004,\"215\":-0.089,\"216\":-0.007,\"217\":-  
0.031,\"218\":0.018,\"219\":-0.001,\"220\":-0.034,\"221\":0.058,\"222\":-  
0.122,\"223\":0.039,\"224\":0.02,\"225\":-0.044,\"226\":0.039,\"227\":-  
0.036,\"228\":0.046,\"229\":-0.016,\"230\":0.079,\"231\":-0.021,\"232\":-  
0.029,\"233\":0.041,\"234\":0.0,\"235\":0.047,\"236\":0.015,\"237\":0.007,\"238\  
\":-0.035,\"239\":0.009,\"240\":-0.01,\"241\":-0.077,\"242\":-  
0.012,\"243\":0.029,\"244\":-0.025,\"245\":0.124,\"246\":-  
0.053,\"247\":0.017,\"248\":0.048,\"249\":0.005,\"250\":0.011,\"251\":0.049,\"25  
2\":0.046,\"253\":-0.027,\"254\":0.049,\"255\":-0.132,\"256\":0.083,\"257\":-  
0.089,\"258\":0.024,\"259\":-0.075,\"260\":0.0,\"261\":-  
0.053,\"262\":0.002,\"263\":-0.025,\"264\":-0.05,\"265\":-0.049,\"266\":-  
0.002,\"267\":-0.056,\"268\":-0.052,\"269\":-0.04,\"270\":-0.001,\"271\":-  
0.076,\"272\":-0.027,\"273\":-0.079,\"274\":-0.061,\"275\":0.0,\"276\":-  
0.029,\"277\":-0.128,\"278\":-0.049,\"279\":0.024,\"280\":0.009,\"281\":-  
0.102,\"282\":0.013,\"283\":-0.077,\"284\":0.047,\"285\":-  
0.084,\"286\":0.0,\"287\":-0.032,\"288\":0.073,\"289\":-0.119,\"290\":-  
0.087,\"291\":-0.093,\"292\":-0.092,\"293\":-0.066,\"294\":-0.137,\"295\":-

0.089,\"296\":-0.131,\"297\":-0.098,\"298\":-0.101,\"299\":-0.11,\"300\":-  
0.087,\"301\":-0.109,\"302\":-0.113,\"303\":0.009,\"304\":-0.108,\"305\":-  
0.065,\"306\":-0.115,\"307\":0.006,\"308\":-0.116,\"309\":-0.025,\"310\":-  
0.104,\"311\":-0.111,\"312\":-0.049,\"313\":-0.042,\"314\":-0.076,\"315\":-  
0.101,\"316\":-0.116,\"317\":-0.069,\"318\":-0.081,\"319\":-0.082,\"320\":-  
0.063,\"321\":-0.102,\"322\":-0.06,\"323\":-0.095,\"324\":-0.045,\"325\":-  
0.094,\"326\":-0.128,\"327\":-0.038,\"328\":-0.089,\"329\":-0.084,\"330\":-  
0.025,\"331\":-0.1,\"332\":-0.074,\"333\":-0.1,\"334\":-0.103,\"335\":-  
0.084,\"336\":-0.073,\"337\":-0.059,\"338\":-0.133,\"339\":-0.091,\"340\":-  
0.052,\"341\":-0.092,\"342\":-0.053,\"343\":-0.063,\"344\":-0.063,\"345\":-  
0.073,\"346\":-0.086,\"347\":-0.076,\"348\":-0.089,\"349\":-0.061,\"350\":-  
0.086,\"351\":-0.093,\"352\":-0.097,\"353\":-0.06,\"354\":-0.056,\"355\":-  
0.108,\"356\":-0.111,\"357\":-0.065,\"358\":-0.072,\"359\":-0.111,\"360\":-  
0.088,\"361\":0.009,\"362\":0.012,\"363\":0.01,\"364\":0.014,\"365\":0.016,\"366  
\":0.018,\"367\":0.023,\"368\":0.021,\"369\":0.021,\"370\":0.025,\"371\":0.02,\"  
372\":0.02,\"373\":0.022,\"374\":0.02,\"375\":0.02,\"376\":0.016,\"377\":0.012,\"  
378\":0.021,\"379\":0.013,\"380\":0.017,\"381\":0.026,\"382\":0.018,\"383\":0.0  
22,\"384\":0.031,\"385\":0.024,\"386\":0.027,\"387\":0.029,\"388\":0.023,\"389\"  
:0.029,\"390\":0.024,\"391\":0.025,\"392\":0.019,\"393\":0.013,\"394\":0.014,\"3  
95\":0.01,\"396\":0.005,\"397\":0.003,\"398\":0.004,\"399\":0.006,\"400\":0.006,  
\"401\":0.009,\"402\":0.021,\"403\":0.022,\"404\":0.026,\"405\":0.035,\"406\":0.  
029,\"407\":0.038,\"408\":0.044,\"409\":0.035,\"410\":0.034,\"411\":0.031,\"412\"  
:0.021,\"413\":0.023,\"414\":0.014,\"415\":0.002,\"416\":-0.013,\"417\":-  
0.013,\"418\":-0.025,\"419\":-0.026,\"420\":-0.018,\"421\":-0.032,\"422\":-  
0.015,\"423\":-  
0.006,\"424\":0.004,\"425\":0.029,\"426\":0.054,\"427\":0.053,\"428\":0.08,\"429  
\":0.108,\"430\":0.124,\"431\":0.142,\"432\":0.142,\"433\":0.116,\"434\":0.002,\"  
435\":-0.005,\"436\":0.13,\"437\":0.065,\"438\":0.206,\"439\":0.256,\"440\":-  
0.089,\"441\":0.075,\"442\":0.119,\"443\":0.017,\"444\":0.044,\"445\":0.129,\"44  
6\":0.106,\"447\":0.129,\"448\":0.086,\"449\":0.086,\"450\":0.101,\"451\":0.082,  
\"452\":-0.04,\"453\":-  
0.213,\"454\":0.127,\"455\":0.199,\"456\":0.183,\"457\":0.131,\"458\":0.017,\"45  
9\":0.11,\"460\":0.16,\"461\":0.056,\"462\":0.115,\"463\":0.165,\"464\":-  
0.116,\"465\":-  
0.203,\"466\":0.087,\"467\":0.322,\"468\":0.218,\"469\":0.103,\"470\":0.192,\"47  
1\":0.154,\"472\":0.129,\"473\":0.111,\"474\":0.166,\"475\":0.107,\"476\":0.163,  
\"477\":0.091,\"478\":0.111,\"479\":0.149,\"480\":0.24,\"481\":0.167,\"482\":0.1  
27,\"483\":0.186,\"484\":0.154,\"485\":0.177,\"486\":0.185,\"487\":0.139,\"488\"  
:0.106,\"489\":0.013,\"490\":0.106,\"491\":0.095,\"492\":0.161,\"493\":0.153,\"4  
94\":0.087,\"495\":0.13,\"496\":0.12,\"497\":0.11,\"498\":0.195,\"499\":0.162,\"  
500\":0.222,\"501\":0.159,\"502\":0.091,\"503\":0.139,\"504\":0.111,\"505\":0.01  
8,\"506\":0.009,\"507\":0.014,\"508\":0.025,\"509\":0.008,\"510\":-  
0.032,\"511\":-0.061,\"512\":-0.069,\"513\":-0.048,\"514\":-0.047,\"515\":-  
0.042,\"516\":-0.066,\"517\":-0.052,\"518\":-0.052,\"519\":-0.025,\"520\":-  
0.067,\"521\":-0.082,\"522\":-0.036,\"523\":-0.021,\"524\":-0.003,\"525\":-  
0.039,\"526\":-0.049,\"527\":-0.032,\"528\":-  
0.032,\"529\":0.039,\"530\":0.009,\"531\":-0.032,\"532\":-0.012,\"533\":-  
0.065,\"534\":-0.031,\"535\":-0.05,\"536\":-0.029,\"537\":-0.041,\"538\":-

0.044,\"539\":-0.069,\"540\":-0.083,\"541\":-0.074,\"542\":-0.049,\"543\":-  
0.056,\"544\":-0.023,\"545\":-0.069,\"546\":-0.067,\"547\":-0.054,\"548\":-  
0.096,\"549\":-0.093,\"550\":-  
0.04,\"551\":0.001,\"552\":0.008,\"553\":0.015,\"554\":-0.018,\"555\":-  
0.03,\"556\":-  
0.002,\"557\":0.019,\"558\":0.012,\"559\":0.0,\"560\":0.01,\"561\":-  
0.016,\"562\":-0.058,\"563\":-0.02,\"564\":-0.045,\"565\":-0.138,\"566\":-  
0.061,\"567\":-0.045,\"568\":-0.031,\"569\":-0.017,\"570\":-0.028,\"571\":-  
0.04,\"572\":-0.091,\"573\":-0.041,\"574\":0.0,\"575\":0.04,\"576\":-  
0.012,\"577\":-  
0.032,\"578\":0.022,\"579\":0.036,\"580\":0.008,\"581\":0.003,\"582\":-  
0.003,\"583\":-0.025,\"584\":-0.041,\"585\":-  
0.012,\"586\":0.058,\"587\":0.081,\"588\":0.083,\"589\":0.086,\"590\":0.026,\"59  
1\":-0.018,\"592\":-0.016,\"593\":0.013,\"594\":0.018,\"595\":-0.017,\"596\":-  
0.021,\"597\":-  
0.015,\"598\":0.018,\"599\":0.035,\"600\":0.019,\"601\":0.006,\"602\":-  
0.002,\"603\":-0.001,\"604\":-0.005,\"605\":-  
0.004,\"606\":0.015,\"607\":0.021,\"608\":-0.005,\"609\":-0.015,\"610\":-  
0.017,\"611\":-  
0.009,\"612\":0.014,\"613\":0.035,\"614\":0.047,\"615\":0.031,\"616\":0.022,\"61  
7\":0.046,\"618\":0.047,\"619\":-0.001,\"620\":-0.013,\"621\":-  
0.02,\"622\":0.006,\"623\":0.003,\"624\":0.043,\"625\":0.004,\"626\":-  
0.015,\"627\":0.0,\"628\":0.007,\"629\":0.018,\"630\":0.007,\"631\":0.009,\"632\  
\":0.048,\"633\":0.057,\"634\":0.07,\"635\":0.064,\"636\":0.05,\"637\":0.037,\"63  
8\":0.017,\"639\":0.016,\"640\":0.013,\"641\":0.017,\"642\":0.046,\"643\":0.031,  
\"644\":0.011,\"645\":0.035,\"646\":-0.013,\"647\":-0.028,\"648\":-  
0.021,\"649\":0.001,\"650\":0.029,\"651\":0.009,\"652\":0.012,\"653\":0.008,\"65  
4\":-  
0.015,\"655\":0.066,\"656\":0.079,\"657\":0.037,\"658\":0.045,\"659\":0.016,\"66  
0\":0.021,\"661\":0.031,\"662\":0.038,\"663\":0.037,\"664\":0.074,\"665\":0.07,  
\"666\":0.039,\"667\":0.028,\"668\":0.051,\"669\":0.036,\"670\":0.008,\"671\":0.0  
05,\"672\":0.009,\"673\":0.07,\"674\":0.076,\"675\":0.071,\"676\":0.091,\"677\  
\":0.034,\"678\":0.033,\"679\":0.02,\"680\":-  
0.036,\"681\":0.05,\"682\":0.068,\"683\":0.065,\"684\":0.078,\"685\":0.027,\"686  
\":0.044,\"687\":0.095,\"688\":0.012,\"689\":0.007,\"690\":0.013,\"691\":-  
0.002,\"692\":0.025,\"693\":0.064,\"694\":0.069,\"695\":0.093,\"696\":0.081,\"69  
7\":0.038,\"698\":-  
0.017,\"699\":0.004,\"700\":0.053,\"701\":0.067,\"702\":0.039,\"703\":0.07,\"704  
\":0.068,\"705\":0.07,\"706\":0.058,\"707\":0.011,\"708\":0.0,\"709\":0.042,\"71  
0\":0.044,\"711\":0.062,\"712\":0.091,\"713\":0.03,\"714\":0.045,\"715\":0.098,  
\"716\":0.052,\"717\":0.054,\"718\":0.052,\"719\":0.001,\"720\":0.021,\"721\":0.0  
4,\"722\":0.018,\"723\":0.02,\"724\":0.018,\"725\":0.014,\"726\":0.019,\"727\":0  
.009,\"728\":0.012,\"729\":0.01,\"730\":0.008,\"731\":0.014,\"732\":0.007,\"733\  
\":0.015,\"734\":0.011,\"735\":0.012,\"736\":0.02,\"737\":0.011,\"738\":0.019,\"7  
39\":0.014,\"740\":0.012,\"741\":0.019,\"742\":0.009,\"743\":0.022,\"744\":0.012  
,\"745\":0.014,\"746\":0.016,\"747\":0.01,\"748\":0.011,\"749\":0.012,\"750\":0.  
012,\"751\":0.013,\"752\":0.017,\"753\":0.013,\"754\":0.014,\"755\":0.016,\"756\  
\":0.014,\"757\":0.019,\"758\":0.011,\"759\":0.018,\"760\":0.022,\"761\":0.009,\"

762\":0.027,\"763\":0.013,\"764\":0.016,\"765\":0.023,\"766\":0.008,\"767\":0.025,\"768\":0.004,\"769\":0.017,\"770\":0.021,\"771\":-  
0.001,\"772\":0.029,\"773\":0.004,\"774\":0.009,\"775\":0.024,\"776\":0.0,\"777\":0.024,\"778\":0.005,\"779\":0.014,\"780\":0.021,\"781\":0.0,\"782\":0.033,\"783\":0.007,\"784\":0.013,\"785\":0.03,\"786\":-  
0.002,\"787\":0.026,\"788\":0.009,\"789\":0.015,\"790\":0.025,\"791\":-  
0.004,\"792\":0.03,\"793\":0.031,\"794\":0.049,\"795\":0.033,\"796\":0.05,\"797\":0.034,\"798\":0.044,\"799\":0.034,\"800\":0.041,\"801\":0.034,\"802\":0.038,\"803\":0.039,\"804\":0.038,\"805\":0.04,\"806\":0.04,\"807\":0.039,\"808\":0.033,\"809\":0.043,\"810\":0.034,\"811\":0.04,\"812\":0.033,\"813\":0.041,\"814\":0.033,\"815\":0.043,\"816\":0.034,\"817\":0.044,\"818\":0.038,\"819\":0.05,\"820\":0.035,\"821\":0.05,\"822\":0.033,\"823\":0.041,\"824\":0.036,\"825\":0.045,\"826\":0.036,\"827\":0.043,\"828\":0.034,\"829\":0.043,\"830\":0.032,\"831\":0.042,\"832\":0.035,\"833\":0.043,\"834\":0.035,\"835\":0.044,\"836\":0.034,\"837\":0.041,\"838\":0.035,\"839\":0.043,\"840\":0.037,\"841\":0.044,\"842\":0.038,\"843\":0.048,\"844\":0.041,\"845\":0.04,\"846\":0.041,\"847\":0.037,\"848\":0.035,\"849\":0.038,\"850\":0.039,\"851\":0.034,\"852\":0.039,\"853\":0.031,\"854\":0.04,\"855\":0.032,\"856\":0.034,\"857\":0.037,\"858\":0.035,\"859\":0.034,\"860\":0.037,\"861\":0.042,\"862\":0.039,\"863\":0.052,\"864\":0.04,\"865\":0.03,\"866\":-0.005,\"867\":0.021,\"868\":0.016,\"869\":0.0,\"870\":0.023,\"871\":0.005,\"872\":0.01,\"873\":0.017,\"874\":-  
0.001,\"875\":0.021,\"876\":0.009,\"877\":0.0,\"878\":0.023,\"879\":0.001,\"880\":0.009,\"881\":0.02,\"882\":-  
0.006,\"883\":0.024,\"884\":0.007,\"885\":0.003,\"886\":0.025,\"887\":-  
0.006,\"888\":0.023,\"889\":0.009,\"890\":-0.002,\"891\":0.035,\"892\":-  
0.007,\"893\":0.016,\"894\":0.022,\"895\":-  
0.006,\"896\":0.03,\"897\":0.003,\"898\":0.011,\"899\":0.019,\"900\":-  
0.004,\"901\":0.027,\"902\":0.004,\"903\":0.002,\"904\":0.027,\"905\":-  
0.007,\"906\":0.019,\"907\":0.013,\"908\":0.002,\"909\":0.022,\"910\":0.003,\"911\":0.013,\"912\":0.017,\"913\":-  
0.001,\"914\":0.02,\"915\":0.009,\"916\":0.006,\"917\":0.022,\"918\":0.005,\"919\":0.015,\"920\":0.013,\"921\":0.003,\"922\":0.023,\"923\":0.002,\"924\":0.01,\"925\":0.019,\"926\":-  
0.003,\"927\":0.023,\"928\":0.007,\"929\":0.007,\"930\":0.024,\"931\":-  
0.006,\"932\":0.021,\"933\":0.011,\"934\":-0.002,\"935\":0.029,\"936\":-  
0.005,\"937\":-0.018,\"938\":-0.018,\"939\":-0.02,\"940\":-0.021,\"941\":-  
0.016,\"942\":-0.011,\"943\":-0.022,\"944\":-0.017,\"945\":-0.015,\"946\":-  
0.017,\"947\":-0.015,\"948\":-0.016,\"949\":-0.014,\"950\":-0.016,\"951\":-  
0.016,\"952\":-0.016,\"953\":-0.012,\"954\":-0.015,\"955\":-0.014,\"956\":-  
0.016,\"957\":-0.017,\"958\":-0.019,\"959\":-0.019,\"960\":-0.018,\"961\":-  
0.015,\"962\":-0.012,\"963\":-0.014,\"964\":-0.018,\"965\":-0.017,\"966\":-  
0.015,\"967\":-0.016,\"968\":-0.013,\"969\":-0.012,\"970\":-0.016,\"971\":-  
0.018,\"972\":-0.02,\"973\":-0.017,\"974\":-0.015,\"975\":-0.013,\"976\":-  
0.016,\"977\":-0.012,\"978\":-0.016,\"979\":-0.013,\"980\":-0.016,\"981\":-  
0.016,\"982\":-0.02,\"983\":-0.021,\"984\":-0.017,\"985\":-0.017,\"986\":-  
0.013,\"987\":-0.012,\"988\":-0.018,\"989\":-0.022,\"990\":-0.011,\"991\":-  
0.016,\"992\":-0.013,\"993\":-0.019,\"994\":-0.016,\"995\":-0.015,\"996\":-  
0.017,\"997\":-0.018,\"998\":-0.015,\"999\":-0.014,\"1000\":-0.014,\"1001\":-

0.018,\"1002\":-0.016,\"1003\":-0.016,\"1004\":-0.015,\"1005\":-0.016,\"1006\":-0.015,\"1007\":-0.015,\"1008\":-  
 0.012,\"1009\":0.032,\"1010\":0.029,\"1011\":0.049,\"1012\":0.051,\"1013\":0.024,\"1014\":0.032,\"1015\":0.052,\"1016\":0.043,\"1017\":0.022,\"1018\":0.036,\"1019\":0.053,\"1020\":0.032},\"z\":{\"0\":0.201,\"1\":0.092,\"2\":0.312,\"3\":0.062,\"4\":0.216,\"5\":0.079,\"6\":0.181,\"7\":0.142,\"8\":0.307,\"9\":-  
 0.026,\"10\":0.188,\"11\":0.086,\"12\":0.111,\"13\":-  
 0.004,\"14\":0.147,\"15\":0.148,\"16\":0.065,\"17\":0.088,\"18\":0.29,\"19\":0.23,\"20\":0.198,\"21\":0.097,\"22\":0.267,\"23\":0.334,\"24\":0.188,\"25\":0.422,\"26\":0.221,\"27\":0.342,\"28\":0.047,\"29\":0.168,\"30\":0.131,\"31\":0.167,\"32\":0.297,\"33\":0.164,\"34\":0.17,\"35\":0.153,\"36\":0.112,\"37\":0.246,\"38\":0.153,\"39\":0.239,\"40\":0.139,\"41\":0.366,\"42\":0.082,\"43\":0.24,\"44\":0.1,\"45\":0.31,\"46\":0.199,\"47\":0.306,\"48\":0.111,\"49\":0.276,\"50\":0.298,\"51\":0.303,\"52\":0.251,\"53\":0.272,\"54\":0.155,\"55\":0.293,\"56\":0.199,\"57\":0.295,\"58\":0.196,\"59\":0.316,\"60\":0.398,\"61\":0.13,\"62\":0.234,\"63\":0.423,\"64\":0.222,\"65\":0.201,\"66\":0.26,\"67\":0.236,\"68\":0.204,\"69\":0.271,\"70\":0.28,\"71\":0.311,\"72\":0.237,\"73\":0.238,\"74\":0.234,\"75\":0.311,\"76\":0.208,\"77\":0.262,\"78\":0.21,\"79\":0.261,\"80\":0.215,\"81\":0.213,\"82\":0.286,\"83\":0.192,\"84\":0.277,\"85\":0.177,\"86\":0.279,\"87\":0.222,\"88\":0.152,\"89\":0.214,\"90\":0.163,\"91\":0.27,\"92\":0.19,\"93\":0.236,\"94\":0.206,\"95\":0.247,\"96\":0.226,\"97\":0.328,\"98\":0.209,\"99\":0.275,\"100\":0.237,\"101\":0.241,\"102\":0.261,\"103\":0.302,\"104\":0.259,\"105\":0.26,\"106\":0.359,\"107\":0.245,\"108\":0.332,\"109\":0.223,\"110\":0.33,\"111\":0.333,\"112\":0.161,\"113\":0.164,\"114\":0.259,\"115\":0.221,\"116\":0.257,\"117\":0.282,\"118\":0.247,\"119\":0.229,\"120\":0.255,\"121\":0.207,\"122\":0.214,\"123\":0.252,\"124\":0.181,\"125\":0.273,\"126\":0.159,\"127\":0.28,\"128\":0.146,\"129\":0.288,\"130\":0.195,\"131\":0.312,\"132\":0.184,\"133\":0.295,\"134\":0.203,\"135\":0.29,\"136\":0.226,\"137\":0.245,\"138\":0.231,\"139\":0.239,\"140\":0.248,\"141\":0.238,\"142\":0.243,\"143\":0.218,\"144\":0.273,\"145\":-  
 0.116,\"146\":-0.062,\"147\":-0.03,\"148\":-0.099,\"149\":-0.09,\"150\":-0.045,\"151\":-0.088,\"152\":-0.031,\"153\":-0.106,\"154\":-0.076,\"155\":-0.027,\"156\":-0.069,\"157\":-0.026,\"158\":-0.044,\"159\":-0.057,\"160\":-0.059,\"161\":-0.061,\"162\":-0.036,\"163\":-0.056,\"164\":-0.078,\"165\":-0.051,\"166\":0.001,\"167\":-0.055,\"168\":-0.028,\"169\":-0.112,\"170\":-0.111,\"171\":-0.012,\"172\":-0.043,\"173\":-0.064,\"174\":-0.05,\"175\":-0.044,\"176\":-0.071,\"177\":-0.056,\"178\":-0.022,\"179\":-0.051,\"180\":-0.065,\"181\":-0.06,\"182\":-0.097,\"183\":-0.056,\"184\":-0.042,\"185\":-0.136,\"186\":-0.005,\"187\":-0.05,\"188\":-0.111,\"189\":-0.02,\"190\":-0.044,\"191\":-0.111,\"192\":-0.012,\"193\":-0.018,\"194\":-0.064,\"195\":-0.025,\"196\":-0.037,\"197\":-0.06,\"198\":-0.039,\"199\":-0.052,\"200\":-0.087,\"201\":-0.045,\"202\":-0.096,\"203\":-0.095,\"204\":-0.025,\"205\":-0.103,\"206\":-0.076,\"207\":-0.021,\"208\":-0.103,\"209\":-0.035,\"210\":-0.044,\"211\":-0.054,\"212\":-0.058,\"213\":-0.051,\"214\":-0.049,\"215\":-0.088,\"216\":0.001,\"217\":-0.123,\"218\":-0.167,\"219\":-0.109,\"220\":-0.184,\"221\":-0.218,\"222\":-0.126,\"223\":-0.279,\"224\":-0.179,\"225\":-0.221,\"226\":-0.185,\"227\":-0.123,\"228\":-0.374,\"229\":-0.061,\"230\":-0.361,\"231\":-0.191,\"232\":-0.269,\"233\":-0.295,\"234\":-0.225,\"235\":-0.21,\"236\":-0.244,\"237\":-0.17,\"238\":-0.328,\"239\":-0.296,\"240\":-

0.236,\"241\":-0.183,\"242\":-0.371,\"243\":-0.133,\"244\":-0.283,\"245\":-  
0.218,\"246\":-0.15,\"247\":-0.236,\"248\":-0.173,\"249\":-0.374,\"250\":-  
0.265,\"251\":-0.261,\"252\":-0.364,\"253\":-0.223,\"254\":-0.443,\"255\":-  
0.118,\"256\":-0.475,\"257\":-0.2,\"258\":-0.398,\"259\":-0.122,\"260\":-  
0.323,\"261\":-0.282,\"262\":-0.38,\"263\":-0.215,\"264\":-0.292,\"265\":-  
0.264,\"266\":-0.321,\"267\":-0.264,\"268\":-0.226,\"269\":-0.211,\"270\":-  
0.367,\"271\":-0.161,\"272\":-0.351,\"273\":-0.204,\"274\":-0.255,\"275\":-  
0.217,\"276\":-0.345,\"277\":-0.181,\"278\":-0.313,\"279\":-0.214,\"280\":-  
0.275,\"281\":-0.233,\"282\":-0.224,\"283\":-0.3,\"284\":-0.299,\"285\":-  
0.142,\"286\":-0.305,\"287\":-0.149,\"288\":-0.361,\"289\":-  
0.052,\"290\":0.0,\"291\":-0.155,\"292\":0.121,\"293\":-  
0.065,\"294\":0.038,\"295\":-0.135,\"296\":0.137,\"297\":-  
0.137,\"298\":0.024,\"299\":-  
0.019,\"300\":0.084,\"301\":0.002,\"302\":0.048,\"303\":-  
0.131,\"304\":0.069,\"305\":-0.1,\"306\":0.117,\"307\":-  
0.069,\"308\":0.005,\"309\":-0.015,\"310\":-  
0.051,\"311\":0.057,\"312\":0.041,\"313\":-  
0.055,\"314\":0.01,\"315\":0.014,\"316\":-0.038,\"317\":-0.033,\"318\":-  
0.018,\"319\":-0.043,\"320\":0.0,\"321\":-0.041,\"322\":-0.008,\"323\":-  
0.001,\"324\":-0.062,\"325\":-0.004,\"326\":-0.03,\"327\":-  
0.021,\"328\":0.063,\"329\":-0.071,\"330\":-  
0.006,\"331\":0.018,\"332\":0.002,\"333\":0.057,\"334\":-0.052,\"335\":-  
0.034,\"336\":0.028,\"337\":-0.049,\"338\":0.024,\"339\":-  
0.044,\"340\":0.013,\"341\":-0.073,\"342\":-0.009,\"343\":0.0,\"344\":-  
0.058,\"345\":0.0,\"346\":-0.026,\"347\":-0.051,\"348\":-0.017,\"349\":-  
0.036,\"350\":0.022,\"351\":-0.134,\"352\":-0.025,\"353\":-0.063,\"354\":-  
0.017,\"355\":-0.132,\"356\":0.018,\"357\":-0.098,\"358\":-0.037,\"359\":-  
0.053,\"360\":-0.082,\"361\":-0.035,\"362\":-0.031,\"363\":-0.059,\"364\":-  
0.078,\"365\":-0.094,\"366\":-0.12,\"367\":-0.16,\"368\":-0.173,\"369\":-  
0.164,\"370\":-0.173,\"371\":-0.182,\"372\":-0.18,\"373\":-0.181,\"374\":-  
0.18,\"375\":-0.184,\"376\":-0.184,\"377\":-0.187,\"378\":-0.185,\"379\":-  
0.175,\"380\":-0.184,\"381\":-0.187,\"382\":-0.187,\"383\":-0.176,\"384\":-  
0.18,\"385\":-0.186,\"386\":-0.186,\"387\":-0.192,\"388\":-0.184,\"389\":-  
0.187,\"390\":-0.192,\"391\":-0.215,\"392\":-0.212,\"393\":-0.216,\"394\":-  
0.22,\"395\":-0.226,\"396\":-0.244,\"397\":-0.217,\"398\":-0.238,\"399\":-  
0.224,\"400\":-0.235,\"401\":-0.224,\"402\":-0.241,\"403\":-0.221,\"404\":-  
0.218,\"405\":-0.225,\"406\":-0.232,\"407\":-0.232,\"408\":-0.239,\"409\":-  
0.214,\"410\":-0.222,\"411\":-0.229,\"412\":-0.23,\"413\":-0.209,\"414\":-  
0.21,\"415\":-0.215,\"416\":-0.224,\"417\":-0.213,\"418\":-0.217,\"419\":-  
0.211,\"420\":-0.201,\"421\":-0.221,\"422\":-0.22,\"423\":-0.228,\"424\":-  
0.231,\"425\":-0.235,\"426\":-0.269,\"427\":-0.289,\"428\":-0.298,\"429\":-  
0.275,\"430\":-0.305,\"431\":-0.317,\"432\":-0.331,\"433\":-0.038,\"434\":-  
0.024,\"435\":0.1,\"436\":-0.056,\"437\":-0.266,\"438\":-0.153,\"439\":-  
0.161,\"440\":0.043,\"441\":-0.023,\"442\":-0.109,\"443\":-  
0.078,\"444\":0.042,\"445\":0.008,\"446\":-  
0.083,\"447\":0.011,\"448\":0.08,\"449\":0.072,\"450\":-0.05,\"451\":-  
0.124,\"452\":-0.079,\"453\":0.048,\"454\":-0.025,\"455\":-0.021,\"456\":-  
0.076,\"457\":-0.083,\"458\":-0.085,\"459\":-0.135,\"460\":-

0.112,\"461\":0.059,\"462\":-0.083,\"463\":-0.034,\"464\":-0.003,\"465\":-  
 0.047,\"466\":0.111,\"467\":-0.107,\"468\":-  
 0.037,\"469\":0.068,\"470\":0.017,\"471\":-0.031,\"472\":-  
 0.004,\"473\":0.007,\"474\":-0.087,\"475\":-0.02,\"476\":-0.099,\"477\":-  
 0.096,\"478\":-0.017,\"479\":-0.074,\"480\":-0.169,\"481\":-0.067,\"482\":-  
 0.031,\"483\":-0.117,\"484\":-0.12,\"485\":-0.055,\"486\":-0.057,\"487\":-  
 0.005,\"488\":-0.066,\"489\":-0.005,\"490\":-0.026,\"491\":0.024,\"492\":-  
 0.021,\"493\":-0.036,\"494\":0.016,\"495\":-0.053,\"496\":-0.055,\"497\":-  
 0.028,\"498\":-0.075,\"499\":-0.034,\"500\":-0.112,\"501\":-0.073,\"502\":-  
 0.03,\"503\":-0.052,\"504\":-0.048,\"505\":-0.051,\"506\":-0.041,\"507\":-  
 0.032,\"508\":-0.028,\"509\":-0.025,\"510\":-0.06,\"511\":-0.065,\"512\":-  
 0.04,\"513\":-0.044,\"514\":-0.048,\"515\":-0.071,\"516\":-0.046,\"517\":-  
 0.017,\"518\":-0.133,\"519\":-0.003,\"520\":-0.048,\"521\":-0.055,\"522\":-  
 0.047,\"523\":-0.1,\"524\":0.045,\"525\":-0.035,\"526\":-0.053,\"527\":-  
 0.115,\"528\":0.019,\"529\":-0.083,\"530\":-0.094,\"531\":-0.038,\"532\":-  
 0.045,\"533\":-0.059,\"534\":-0.031,\"535\":-0.071,\"536\":-0.087,\"537\":-  
 0.038,\"538\":-0.005,\"539\":-0.069,\"540\":-0.069,\"541\":-0.05,\"542\":-  
 0.032,\"543\":-0.054,\"544\":-0.062,\"545\":-0.017,\"546\":-0.027,\"547\":-  
 0.073,\"548\":-0.027,\"549\":-0.047,\"550\":-0.042,\"551\":-0.071,\"552\":-  
 0.003,\"553\":-0.073,\"554\":-0.062,\"555\":-0.059,\"556\":-0.051,\"557\":-  
 0.009,\"558\":-0.138,\"559\":-0.024,\"560\":-0.068,\"561\":-0.006,\"562\":-  
 0.084,\"563\":-0.194,\"564\":0.001,\"565\":0.034,\"566\":-0.071,\"567\":-  
 0.163,\"568\":0.003,\"569\":0.034,\"570\":-0.118,\"571\":-0.019,\"572\":-  
 0.077,\"573\":-0.047,\"574\":-0.013,\"575\":-0.019,\"576\":-0.031,\"577\":-  
 0.213,\"578\":-0.19,\"579\":-0.203,\"580\":-0.192,\"581\":-0.178,\"582\":-  
 0.182,\"583\":-0.236,\"584\":-0.167,\"585\":-0.234,\"586\":-0.237,\"587\":-  
 0.247,\"588\":-0.277,\"589\":-0.233,\"590\":-0.254,\"591\":-0.215,\"592\":-  
 0.209,\"593\":-0.224,\"594\":-0.254,\"595\":-0.229,\"596\":-0.196,\"597\":-  
 0.205,\"598\":-0.236,\"599\":-0.236,\"600\":-0.233,\"601\":-0.216,\"602\":-  
 0.201,\"603\":-0.218,\"604\":-0.238,\"605\":-0.203,\"606\":-0.202,\"607\":-  
 0.213,\"608\":-0.17,\"609\":-0.206,\"610\":-0.213,\"611\":-0.209,\"612\":-  
 0.206,\"613\":-0.203,\"614\":-0.225,\"615\":-0.203,\"616\":-0.201,\"617\":-  
 0.2,\"618\":-0.19,\"619\":-0.202,\"620\":-0.162,\"621\":-0.178,\"622\":-  
 0.211,\"623\":-0.175,\"624\":-0.19,\"625\":-0.208,\"626\":-0.172,\"627\":-  
 0.186,\"628\":-0.199,\"629\":-0.167,\"630\":-0.152,\"631\":-0.162,\"632\":-  
 0.159,\"633\":-0.197,\"634\":-0.19,\"635\":-0.16,\"636\":-0.18,\"637\":-  
 0.155,\"638\":-0.122,\"639\":-0.157,\"640\":-0.129,\"641\":-0.156,\"642\":-  
 0.155,\"643\":-0.117,\"644\":-0.159,\"645\":-0.179,\"646\":-0.147,\"647\":-  
 0.157,\"648\":-  
 0.161,\"649\":0.06,\"650\":0.01,\"651\":0.053,\"652\":0.072,\"653\":0.066,\"654\":  
 0.105,\"655\":0.052,\"656\":0.087,\"657\":0.085,\"658\":0.05,\"659\":0.13,\"66  
 0\":0.045,\"661\":0.051,\"662\":0.087,\"663\":0.021,\"664\":0.171,\"665\":0.148,  
 \"666\":0.161,\"667\":0.13,\"668\":0.069,\"669\":0.106,\"670\":0.095,\"671\":0.1  
 24,\"672\":0.112,\"673\":0.098,\"674\":0.108,\"675\":0.107,\"676\":0.049,\"677\"  
 :0.152,\"678\":0.016,\"679\":0.02,\"680\":0.11,\"681\":-  
 0.018,\"682\":0.089,\"683\":0.055,\"684\":0.024,\"685\":0.08,\"686\":0.057,\"687  
 \":0.051,\"688\":0.131,\"689\":0.042,\"690\":0.045,\"691\":0.116,\"692\":0.081,\"  
 \"693\":0.136,\"694\":0.135,\"695\":0.04,\"696\":0.11,\"697\":0.055,\"698\":0.04,

\ "699\" : 0.048, \ "700\" : 0.052, \ "701\" : 0.107, \ "702\" : 0.112, \ "703\" : 0.059, \ "704\" : 0.11, \ "705\" : 0.043, \ "706\" : 0.034, \ "707\" : 0.043, \ "708\" : 0.001, \ "709\" : 0.022, \ "710\" : 0.073, \ "711\" : 0.08, \ "712\" : 0.052, \ "713\" : 0.099, \ "714\" : 0.087, \ "715\" : 0.025, \ "716\" : 0.128, \ "717\" : 0.018, \ "718\" : 0.073, \ "719\" : 0.114, \ "720\" : 0.081, \ "721\" : 0.11, \ "722\" : 0.025, \ "723\" : 0.012, \ "724\" : 0.013, \ "725\" : 0.03, \ "726\" : 0.011, \ "727\" : 0.033, \ "728\" : 0.025, \ "729\" : 0.02, \ "730\" : 0.034, \ "731\" : 0.016, \ "732\" : 0.033, \ "733\" : 0.011, \ "734\" : 0.024, \ "735\" : 0.037, \ "736\" : 0.013, \ "737\" : 0.033, \ "738\" : 0.024, \ "739\" : 0.021, \ "740\" : 0.03, \ "741\" : 0.011, \ "742\" : 0.029, \ "743\" : 0.01, \ "744\" : 0.018, \ "745\" : 0.031, \ "746\" : 0.014, \ "747\" : 0.031, \ "748\" : 0.026, \ "749\" : 0.021, \ "750\" : 0.036, \ "751\" : 0.012, \ "752\" : 0.028, \ "753\" : 0.017, \ "754\" : 0.021, \ "755\" : 0.034, \ "756\" : 0.012, \ "757\" : 0.031, \ "758\" : 0.028, \ "759\" : 0.017, \ "760\" : 0.031, \ "761\" : 0.015, \ "762\" : 0.023, \ "763\" : 0.023, \ "764\" : 0.016, \ "765\" : 0.037, \ "766\" : 0.019, \ "767\" : 0.028, \ "768\" : 0.033, \ "769\" : 0.009, \ "770\" : 0.032, \ "771\" : 0.017, \ "772\" : 0.015, \ "773\" : 0.025, \ "774\" : 0.016, \ "775\" : 0.03, \ "776\" : 0.028, \ "777\" : 0.024, \ "778\" : 0.033, \ "779\" : 0.006, \ "780\" : 0.031, \ "781\" : 0.023, \ "782\" : 0.011, \ "783\" : 0.029, \ "784\" : 0.018, \ "785\" : 0.028, \ "786\" : 0.026, \ "787\" : 0.016, \ "788\" : 0.034, \ "789\" : 0.014, \ "790\" : 0.026, \ "791\" : 0.024, \ "792\" : 0.01, \ "793\" : -0.03, \ "794\" : -0.042, \ "795\" : -0.029, \ "796\" : -0.022, \ "797\" : -0.038, \ "798\" : -0.03, \ "799\" : -0.035, \ "800\" : -0.022, \ "801\" : -0.049, \ "802\" : -0.028, \ "803\" : -0.045, \ "804\" : -0.027, \ "805\" : -0.042, \ "806\" : -0.037, \ "807\" : -0.046, \ "808\" : -0.038, \ "809\" : -0.052, \ "810\" : -0.038, \ "811\" : -0.042, \ "812\" : -0.04, \ "813\" : -0.041, \ "814\" : -0.033, \ "815\" : -0.041, \ "816\" : -0.038, \ "817\" : -0.04, \ "818\" : -0.035, \ "819\" : -0.043, \ "820\" : -0.034, \ "821\" : -0.042, \ "822\" : -0.042, \ "823\" : -0.042, \ "824\" : -0.043, \ "825\" : -0.04, \ "826\" : -0.048, \ "827\" : -0.036, \ "828\" : -0.044, \ "829\" : -0.041, \ "830\" : -0.046, \ "831\" : -0.043, \ "832\" : -0.047, \ "833\" : -0.041, \ "834\" : -0.046, \ "835\" : -0.037, \ "836\" : -0.046, \ "837\" : -0.037, \ "838\" : -0.047, \ "839\" : -0.035, \ "840\" : -0.038, \ "841\" : -0.041, \ "842\" : -0.044, \ "843\" : -0.034, \ "844\" : -0.037, \ "845\" : -0.043, \ "846\" : -0.051, \ "847\" : -0.042, \ "848\" : -0.05, \ "849\" : -0.046, \ "850\" : -0.047, \ "851\" : -0.05, \ "852\" : -0.063, \ "853\" : -0.057, \ "854\" : -0.058, \ "855\" : -0.079, \ "856\" : -0.089, \ "857\" : -0.086, \ "858\" : -0.081, \ "859\" : -0.088, \ "860\" : -0.079, \ "861\" : -0.089, \ "862\" : -0.076, \ "863\" : -0.091, \ "864\" : -0.073, \ "865\" : -0.022, \ "866\" : -0.001, \ "867\" : -0.023, \ "868\" : -0.016, \ "869\" : -0.01, \ "870\" : -0.027, \ "871\" : -0.007, \ "872\" : -0.019, \ "873\" : -0.017, \ "874\" : -0.01, \ "875\" : -0.028, \ "876\" : -0.013, \ "877\" : -0.014, \ "878\" : -0.03, \ "879\" : -0.008, \ "880\" : -0.02, \ "881\" : -0.022, \ "882\" : -0.009, \ "883\" : -0.026, \ "884\" : -0.007, \ "885\" : -0.016, \ "886\" : -0.022, \ "887\" : -0.001, \ "888\" : -0.028, \ "889\" : -0.013, \ "890\" : -0.009, \ "891\" : -0.031, \ "892\" : 0.0, \ "893\" : -0.021, \ "894\" : -0.018, \ "895\" : -0.007, \ "896\" : -0.03, \ "897\" : -0.002, \ "898\" : -0.02, \ "899\" : -0.021, \ "900\" : 0.0, \ "901\" : -0.031, \ "902\" : -0.006, \ "903\" : -0.014, \ "904\" : -0.029, \ "905\" : 0.0, \ "906\" : -0.024, \ "907\" : -0.014, \ "908\" : -0.013, \ "909\" : -0.026, \ "910\" : -0.003, \ "911\" : -0.021, \ "912\" : -0.017, \ "913\" : -0.008, \ "914\" : -0.027, \ "915\" : -0.01, \ "916\" : -0.013, \ "917\" : -0.022, \ "918\" : -0.005, \ "919\" : -0.021, \ "920\" : -0.013, \ "921\" : -0.015, \ "922\" : -0.027, \ "923\" : 0.001, \ "924\" : -0.02, \ "925\" : -0.018, \ "926\" : -0.006, \ "927\" : -0.027, \ "928\" : -0.005, \ "929\" : -0.016, \ "930\" : -0.022, \ "931\" : -0.006, \ "932\" : -0.03, \ "933\" : -0.013, \ "934\" : -0.014, \ "935\" : -0.024, \ "936\" : -0.002, \ "937\" : -0.048, \ "938\" : -0.047, \ "939\" : -0.053, \ "940\" : -0.055, \ "941\" : -0.042, \ "942\" : -0.043, \ "943\" : -0.062, \ "944\" : -0.051, \ "945\" : -0.046, \ "946\" : -0.049, \ "947\" : -0.05, \ "948\" : -0.055, \ "949\" : -0.05, \ "950\" : -0.048, \ "951\" : -



0.047,\"952\":-0.051,\"953\":-0.051,\"954\":-0.05,\"955\":-0.051,\"956\":-  
 0.05,\"957\":-0.048,\"958\":-0.046,\"959\":-0.046,\"960\":-0.049,\"961\":-  
 0.048,\"962\":-0.052,\"963\":-0.052,\"964\":-0.05,\"965\":-0.046,\"966\":-  
 0.048,\"967\":-0.049,\"968\":-0.049,\"969\":-0.051,\"970\":-0.049,\"971\":-  
 0.046,\"972\":-0.048,\"973\":-0.046,\"974\":-0.052,\"975\":-0.048,\"976\":-  
 0.053,\"977\":-0.048,\"978\":-0.051,\"979\":-0.047,\"980\":-0.05,\"981\":-  
 0.047,\"982\":-0.053,\"983\":-0.046,\"984\":-0.048,\"985\":-0.051,\"986\":-  
 0.048,\"987\":-0.049,\"988\":-0.059,\"989\":-0.053,\"990\":-0.034,\"991\":-  
 0.057,\"992\":-0.047,\"993\":-0.048,\"994\":-0.049,\"995\":-0.053,\"996\":-  
 0.051,\"997\":-0.052,\"998\":-0.047,\"999\":-0.054,\"1000\":-0.049,\"1001\":-  
 0.047,\"1002\":-0.049,\"1003\":-0.05,\"1004\":-0.052,\"1005\":-0.049,\"1006\":-  
 0.047,\"1007\":-0.05,\"1008\":-  
 0.052,\"1009\":0.045,\"1010\":0.04,\"1011\":0.028,\"1012\":0.033,\"1013\":0.046,  
 \"1014\":0.041,\"1015\":0.027,\"1016\":0.038,\"1017\":0.045,\"1018\":0.034,\"101  
 9\":0.025,\"1020\":0.043},\"timelapse\":{\"0\":false,\"1\":false,\"2\":false,\"3  
 \":false,\"4\":false,\"5\":false,\"6\":false,\"7\":false,\"8\":false,\"9\":false  
 ,\"10\":false,\"11\":false,\"12\":false,\"13\":false,\"14\":false,\"15\":false,\"  
 \"16\":false,\"17\":false,\"18\":false,\"19\":false,\"20\":false,\"21\":false,\"2  
 2\":false,\"23\":false,\"24\":false,\"25\":false,\"26\":false,\"27\":false,\"28\  
 \":false,\"29\":false,\"30\":false,\"31\":false,\"32\":false,\"33\":false,\"34\  
 \":false,\"35\":false,\"36\":false,\"37\":false,\"38\":false,\"39\":false,\"40\  
 \":false,\"41\":false,\"42\":false,\"43\":false,\"44\":false,\"45\":false,\"46\  
 \":false,\"47\":false,\"48\":false,\"49\":false,\"50\":false,\"51\":false,\"52\  
 \":false,\"53\":false,\"54\":false,\"55\":false,\"56\":false,\"57\":false,\"58\  
 \":false,\"59\":false,\"60\":false,\"61\":false,\"62\":false,\"63\":false,\"64\  
 \":false,\"65\":false,\"66\":false,\"67\":false,\"68\":false,\"69\":false,\"70\  
 \":false,\"71\  
 \":false,\"72\":false,\"73\":false,\"74\":false,\"75\":false,\"76\":false,\"77\  
 \":false,\"78\":false,\"79\":false,\"80\":false,\"81\":false,\"82\":false,\"83\  
 \":false,\"84\":false,\"85\":false,\"86\":false,\"87\":false,\"88\":false,\"89\  
 \":false,\"90\  
 \":false,\"91\":false,\"92\":false,\"93\":false,\"94\":false,\"95\":false,\"  
 \"96\":false,\"97\":false,\"98\":false,\"99\":false,\"100\":false,\"101\":false,\"  
 \"102\":false,\"103\":false,\"104\":false,\"105\":false,\"106\":false,\"107\  
 \":false,\"108\  
 \":false,\"109\":false,\"110\":false,\"111\":false,\"112\":false,\"113\  
 \":false,\"114\  
 \":false,\"115\":false,\"116\":false,\"117\":false,\"118\":false,\"1  
 19\":false,\"120\":false,\"121\":false,\"122\":false,\"123\":false,\"124\  
 \":false,\"125\  
 \":false,\"126\":false,\"127\":false,\"128\":false,\"129\":false,\"130\  
 \":false,\"131\  
 \":false,\"132\":false,\"133\":false,\"134\":false,\"135\":false,\"136  
 \":false,\"137\  
 \":false,\"138\":false,\"139\":false,\"140\":false,\"141\":false,\"  
 \"142\":false,\"143\":false,\"144\":false,\"145\":false,\"146\":false,\"147\  
 \":false,\"148\  
 \":false,\"149\":false,\"150\":false,\"151\":false,\"152\":false,\"153\  
 \":false,\"154\  
 \":false,\"155\":false,\"156\":false,\"157\":false,\"158\":false,\"1  
 59\":false,\"160\  
 \":false,\"161\":false,\"162\":false,\"163\":false,\"164\":false  
 ,\"165\":false,\"166\":false,\"167\":false,\"168\":false,\"169\":false,\"170\  
 \":false,\"171\  
 \":false,\"172\":false,\"173\":false,\"174\":false,\"175\":false,\"176  
 \":false,\"177\  
 \":false,\"178\":false,\"179\":false,\"180\":false,\"181\":false,\"  
 \"182\":false,\"183\":false,\"184\":false,\"185\":false,\"186\":false,\"187\  
 \":false,\"188\  
 \":false,\"189\":false,\"190\":false,\"191\":false,\"192\":false,\"193\  
 \":false,\"194\  
 \":false,\"195\":false,\"196\":false,\"197\":false,\"198\":false,\"1

[illegible]



se,\"748\":false,\"749\":false,\"750\":false,\"751\":false,\"752\":false,\"753\":  
:false,\"754\":false,\"755\":false,\"756\":false,\"757\":false,\"758\":false,\"7  
59\":false,\"760\":false,\"761\":false,\"762\":false,\"763\":false,\"764\":false  
,\"765\":false,\"766\":false,\"767\":false,\"768\":false,\"769\":false,\"770\":f  
alse,\"771\":false,\"772\":false,\"773\":false,\"774\":false,\"775\":false,\"776  
\":false,\"777\":false,\"778\":false,\"779\":false,\"780\":false,\"781\":false,\"  
782\":false,\"783\":false,\"784\":false,\"785\":false,\"786\":false,\"787\":fal  
se,\"788\":false,\"789\":false,\"790\":false,\"791\":false,\"792\":false,\"793\":  
:false,\"794\":false,\"795\":false,\"796\":false,\"797\":false,\"798\":false,\"7  
99\":false,\"800\":false,\"801\":false,\"802\":false,\"803\":false,\"804\":false  
,\"805\":false,\"806\":false,\"807\":false,\"808\":false,\"809\":false,\"810\":f  
alse,\"811\":false,\"812\":false,\"813\":false,\"814\":false,\"815\":false,\"816  
\":false,\"817\":false,\"818\":false,\"819\":false,\"820\":false,\"821\":false,\"  
822\":false,\"823\":false,\"824\":false,\"825\":false,\"826\":false,\"827\":fal  
se,\"828\":false,\"829\":false,\"830\":false,\"831\":false,\"832\":false,\"833\":  
:false,\"834\":false,\"835\":false,\"836\":false,\"837\":false,\"838\":false,\"8  
39\":false,\"840\":false,\"841\":false,\"842\":false,\"843\":false,\"844\":false  
,\"845\":false,\"846\":false,\"847\":false,\"848\":false,\"849\":false,\"850\":f  
alse,\"851\":false,\"852\":false,\"853\":false,\"854\":false,\"855\":false,\"856  
\":false,\"857\":false,\"858\":false,\"859\":false,\"860\":false,\"861\":false,\"  
862\":false,\"863\":false,\"864\":false,\"865\":false,\"866\":false,\"867\":fal  
se,\"868\":false,\"869\":false,\"870\":false,\"871\":false,\"872\":false,\"873\":  
:false,\"874\":false,\"875\":false,\"876\":false,\"877\":false,\"878\":false,\"8  
79\":false,\"880\":false,\"881\":false,\"882\":false,\"883\":false,\"884\":false  
,\"885\":false,\"886\":false,\"887\":false,\"888\":false,\"889\":false,\"890\":f  
alse,\"891\":false,\"892\":false,\"893\":false,\"894\":false,\"895\":false,\"896  
\":false,\"897\":false,\"898\":false,\"899\":false,\"900\":false,\"901\":false,\"  
902\":false,\"903\":false,\"904\":false,\"905\":false,\"906\":false,\"907\":fal  
se,\"908\":false,\"909\":false,\"910\":false,\"911\":false,\"912\":false,\"913\":  
:false,\"914\":false,\"915\":false,\"916\":false,\"917\":false,\"918\":false,\"9  
19\":false,\"920\":false,\"921\":false,\"922\":false,\"923\":false,\"924\":false  
,\"925\":false,\"926\":false,\"927\":false,\"928\":false,\"929\":false,\"930\":f  
alse,\"931\":false,\"932\":false,\"933\":false,\"934\":false,\"935\":false,\"936  
\":false,\"937\":false,\"938\":false,\"939\":false,\"940\":false,\"941\":false,\"  
942\":false,\"943\":false,\"944\":false,\"945\":false,\"946\":false,\"947\":fal  
se,\"948\":false,\"949\":false,\"950\":false,\"951\":false,\"952\":false,\"953\":  
:false,\"954\":false,\"955\":false,\"956\":false,\"957\":false,\"958\":false,\"9  
59\":false,\"960\":false,\"961\":false,\"962\":false,\"963\":false,\"964\":false  
,\"965\":false,\"966\":false,\"967\":false,\"968\":false,\"969\":false,\"970\":f  
alse,\"971\":false,\"972\":false,\"973\":false,\"974\":false,\"975\":false,\"976  
\":false,\"977\":false,\"978\":false,\"979\":false,\"980\":false,\"981\":false,\"  
982\":false,\"983\":false,\"984\":false,\"985\":false,\"986\":false,\"987\":fal  
se,\"988\":false,\"989\":false,\"990\":false,\"991\":false,\"992\":false,\"993\":  
:false,\"994\":false,\"995\":false,\"996\":false,\"997\":false,\"998\":false,\"9  
99\":false,\"1000\":false,\"1001\":false,\"1002\":false,\"1003\":false,\"1004\":  
false,\"1005\":false,\"1006\":false,\"1007\":false,\"1008\":false,\"1009\":false  
,\"1010\":false,\"1011\":false,\"1012\":false,\"1013\":false,\"1014\":false,\"10  
15\":false,\"1016\":false,\"1017\":false,\"1018\":false,\"1019\":false,\"1020\":



[illegible]

[illegible]

[illegible]



[illegible]

[illegible]



[illegible]

77



[illegible]















[illegible]



[illegible]





123d5e44f958.mov\", \"1008\": \"4ed5dc9e-f875-4df7-92d7-123d5e44f958.mov\", \"1009\": \"3c541de9-d7ed-40b1-a304-8948c6e48bbf.mov\", \"1010\": \"3c541de9-d7ed-40b1-a304-8948c6e48bbf.mov\", \"1011\": \"3c541de9-d7ed-40b1-a304-8948c6e48bbf.mov\", \"1012\": \"3c541de9-d7ed-40b1-a304-8948c6e48bbf.mov\", \"1013\": \"3c541de9-d7ed-40b1-a304-8948c6e48bbf.mov\", \"1014\": \"3c541de9-d7ed-40b1-a304-8948c6e48bbf.mov\", \"1015\": \"3c541de9-d7ed-40b1-a304-8948c6e48bbf.mov\", \"1016\": \"3c541de9-d7ed-40b1-a304-8948c6e48bbf.mov\", \"1017\": \"3c541de9-d7ed-40b1-a304-8948c6e48bbf.mov\", \"1018\": \"3c541de9-d7ed-40b1-a304-8948c6e48bbf.mov\", \"1019\": \"3c541de9-d7ed-40b1-a304-8948c6e48bbf.mov\", \"1020\": \"3c541de9-d7ed-40b1-a304-8948c6e48bbf.mov\"}]}

Message metadata:

Topic: MeyerJake-accelerations

Partition: 0

Offset: 1

Message Key: f8c1675d8e1943ef8d316830d7cb213c

Message Value:

{\"id\": {\"0\": \"0a89528a4445884f061ffce814b59455\", \"1\": \"0a89528a4445884f061ffce814b59455\", \"2\": \"0a89528a4445884f061ffce814b59455\", \"3\": \"0a89528a4445884f061ffce814b59455\", \"4\": \"0a89528a4445884f061ffce814b59455\", \"5\": \"0a89528a4445884f061ffce814b59455\", \"6\": \"0a89528a4445884f061ffce814b59455\", \"7\": \"0a89528a4445884f061ffce814b59455\", \"8\": \"0a89528a4445884f061ffce814b59455\", \"9\": \"0a89528a4445884f061ffce814b59455\", \"10\": \"0a89528a4445884f061ffce814b59455\", \"11\": \"0a89528a4445884f061ffce814b59455\", \"12\": \"0a89528a4445884f061ffce814b59455\", \"13\": \"0a89528a4445884f061ffce814b59455\", \"14\": \"0a89528a4445884f061ffce814b59455\", \"15\": \"0a89528a4445884f061ffce814b59455\", \"16\": \"0a89528a4445884f061ffce814b59455\", \"17\": \"0a89528a4445884f061ffce814b59455\", \"18\": \"0a89528a4445884f061ffce814b59455\", \"19\": \"0a89528a4445884f061ffce814b59455\", \"20\": \"0a89528a4445884f061ffce814b59455\", \"21\": \"0a89528a4445884f061ffce814b59455\", \"22\": \"0a89528a4445884f061ffce814b59455\", \"23\": \"0a89528a4445884f061ffce814b59455\", \"24\": \"0a89528a4445884f061ffce814b59455\", \"25\": \"0a89528a4445884f061ffce814b59455\", \"26\": \"0a89528a4445884f061ffce814b59455\", \"27\": \"0a89528a4445884f061ffce814b59455\", \"28\": \"0a89528a4445884f061ffce814b59455\", \"29\": \"0a89528a4445884f061ffce814b59455\", \"30\": \"0a89528a4445884f061ffce814b59455\", \"31\": \"0a89528a4445884f061ffce814b59455\", \"32\": \"0a89528a4445884f061ffce814b59455\", \"33\": \"0a89528a4445884f061ffce814b59455\", \"34\": \"0a89528a4445884f061ffce814b59455\", \"35\": \"0a89528a4445884f061ffce814b59455\", \"36\": \"0a89528a4445884f061ffce814b59455\", \"37\": \"0a89528a4445884f061ffce814b59455\", \"38\": \"0a89528a4445884f061ffce814b59455\", \"39\": \"0a89528a4445884f061ffce814b59455\", \"40\": \"0a89528a4445884f061ffce814b59455\", \"41\": \"0a89528a4445884f061ffce814b59455\", \"42\": \"0a89528a4445884f061ffce814b59455\", \"43\": \"0a89528a4445884f061ffce814b59455\", \"44\": \"0a89528a4445884f061ffce814b59455\", \"45\": \"0a89528a4445884f061ffce814b59455\", \"46\": \"0a89528a4445884f061ffce814b59455\", \"47\": \"0a89528a4445884f061ffce814b59455\", \"48\": \"0a89528a4445884f061ffce814b59455\", \"49\": \"0a89528a4445884f061ffce814b59455\", \"50\": \"0a89528a4445884f061ffce814b59455\"}}

[illegible]







11,\"473\":null,\"474\":null,\"475\":null,\"476\":null,\"477\":null,\"478\":null  
,\"479\":null,\"480\":null,\"481\":null,\"482\":null,\"483\":null,\"484\":null,\"  
\"485\":null,\"486\":null,\"487\":null,\"488\":null,\"489\":null,\"490\":null,\"4  
91\":null,\"492\":null,\"493\":null,\"494\":null,\"495\":null,\"496\":null,\"497  
\":null,\"498\":null,\"499\":null,\"500\":null,\"501\":null,\"502\":null,\"503\"  
:null,\"504\":null,\"505\":\":f3134b3497ad6a52204ba8419d9000c5\", \"506\":\":f3134b  
3497ad6a52204ba8419d9000c5\", \"507\":\":f3134b3497ad6a52204ba8419d9000c5\", \"508\"  
:\":f3134b3497ad6a52204ba8419d9000c5\", \"509\":\":f3134b3497ad6a52204ba8419d9000c  
5\", \"510\":\":f3134b3497ad6a52204ba8419d9000c5\", \"511\":\":f3134b3497ad6a52204ba  
8419d9000c5\", \"512\":\":f3134b3497ad6a52204ba8419d9000c5\", \"513\":\":f3134b3497a  
d6a52204ba8419d9000c5\", \"514\":\":f3134b3497ad6a52204ba8419d9000c5\", \"515\":\":f  
3134b3497ad6a52204ba8419d9000c5\", \"516\":\":f3134b3497ad6a52204ba8419d9000c5\", \"  
\"517\":\":f3134b3497ad6a52204ba8419d9000c5\", \"518\":\":f3134b3497ad6a52204ba8419d  
9000c5\", \"519\":\":f3134b3497ad6a52204ba8419d9000c5\", \"520\":\":f3134b3497ad6a52  
204ba8419d9000c5\", \"521\":\":f3134b3497ad6a52204ba8419d9000c5\", \"522\":\":f3134b  
3497ad6a52204ba8419d9000c5\", \"523\":\":f3134b3497ad6a52204ba8419d9000c5\", \"524\"  
:\":f3134b3497ad6a52204ba8419d9000c5\", \"525\":\":f3134b3497ad6a52204ba8419d9000c  
5\", \"526\":\":f3134b3497ad6a52204ba8419d9000c5\", \"527\":\":f3134b3497ad6a52204ba  
8419d9000c5\", \"528\":\":f3134b3497ad6a52204ba8419d9000c5\", \"529\":\":f3134b3497a  
d6a52204ba8419d9000c5\", \"530\":\":f3134b3497ad6a52204ba8419d9000c5\", \"531\":\":f  
3134b3497ad6a52204ba8419d9000c5\", \"532\":\":f3134b3497ad6a52204ba8419d9000c5\", \"  
\"533\":\":f3134b3497ad6a52204ba8419d9000c5\", \"534\":\":f3134b3497ad6a52204ba8419d  
9000c5\", \"535\":\":f3134b3497ad6a52204ba8419d9000c5\", \"536\":\":f3134b3497ad6a52  
204ba8419d9000c5\", \"537\":\":f3134b3497ad6a52204ba8419d9000c5\", \"538\":\":f3134b  
3497ad6a52204ba8419d9000c5\", \"539\":\":f3134b3497ad6a52204ba8419d9000c5\", \"540\"  
:\":f3134b3497ad6a52204ba8419d9000c5\", \"541\":\":f3134b3497ad6a52204ba8419d9000c  
5\", \"542\":\":f3134b3497ad6a52204ba8419d9000c5\", \"543\":\":f3134b3497ad6a52204ba  
8419d9000c5\", \"544\":\":f3134b3497ad6a52204ba8419d9000c5\", \"545\":\":f3134b3497a  
d6a52204ba8419d9000c5\", \"546\":\":f3134b3497ad6a52204ba8419d9000c5\", \"547\":\":f  
3134b3497ad6a52204ba8419d9000c5\", \"548\":\":f3134b3497ad6a52204ba8419d9000c5\", \"  
\"549\":\":f3134b3497ad6a52204ba8419d9000c5\", \"550\":\":f3134b3497ad6a52204ba8419d  
9000c5\", \"551\":\":f3134b3497ad6a52204ba8419d9000c5\", \"552\":\":f3134b3497ad6a52  
204ba8419d9000c5\", \"553\":\":f3134b3497ad6a52204ba8419d9000c5\", \"554\":\":f3134b  
3497ad6a52204ba8419d9000c5\", \"555\":\":f3134b3497ad6a52204ba8419d9000c5\", \"556\"  
:\":f3134b3497ad6a52204ba8419d9000c5\", \"557\":\":f3134b3497ad6a52204ba8419d9000c  
5\", \"558\":\":f3134b3497ad6a52204ba8419d9000c5\", \"559\":\":f3134b3497ad6a52204ba  
8419d9000c5\", \"560\":\":f3134b3497ad6a52204ba8419d9000c5\", \"561\":\":f3134b3497a  
d6a52204ba8419d9000c5\", \"562\":\":f3134b3497ad6a52204ba8419d9000c5\", \"563\":\":f  
3134b3497ad6a52204ba8419d9000c5\", \"564\":\":f3134b3497ad6a52204ba8419d9000c5\", \"  
\"565\":\":f3134b3497ad6a52204ba8419d9000c5\", \"566\":\":f3134b3497ad6a52204ba8419d  
9000c5\", \"567\":\":f3134b3497ad6a52204ba8419d9000c5\", \"568\":\":f3134b3497ad6a52  
204ba8419d9000c5\", \"569\":\":f3134b3497ad6a52204ba8419d9000c5\", \"570\":\":f3134b  
3497ad6a52204ba8419d9000c5\", \"571\":\":f3134b3497ad6a52204ba8419d9000c5\", \"572\"  
:\":f3134b3497ad6a52204ba8419d9000c5\", \"573\":\":f3134b3497ad6a52204ba8419d9000c  
5\", \"574\":\":f3134b3497ad6a52204ba8419d9000c5\", \"575\":\":f3134b3497ad6a52204ba  
8419d9000c5\", \"576\":\":f3134b3497ad6a52204ba8419d9000c5\", \"577\":null, \"578\":  
null, \"579\":null, \"580\":null, \"581\":null, \"582\":null, \"583\":null, \"584\":nu  
ll, \"585\":null, \"586\":null, \"587\":null, \"588\":null, \"589\":null, \"590\":null

[illegible]



[illegible]

[illegible]



[illegible]

[illegible]

[illegible]



[illegible]



[illegible]



[illegible]

[illegible]



[illegible]

[illegible]

[illegible]



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



[illegible]

[illegible]



[illegible]



506796,\"116\":1506796,\"117\":1506796,\"118\":1506796,\"119\":1506796,\"120\":1  
506796,\"121\":1506796,\"122\":1506796,\"123\":1506796,\"124\":1506796,\"125\":1  
506796,\"126\":1506796,\"127\":1506796,\"128\":1506796,\"129\":1506796,\"130\":1  
506796,\"131\":1506796,\"132\":1506796,\"133\":1506796,\"134\":1506796,\"135\":1  
506796,\"136\":1506796,\"137\":1506796,\"138\":1506796,\"139\":1506796,\"140\":1  
506796,\"141\":1506796,\"142\":1506796,\"143\":1506796,\"144\":1506796,\"145\":1  
507471,\"146\":1507471,\"147\":1507471,\"148\":1507471,\"149\":1507471,\"150\":1  
507471,\"151\":1507471,\"152\":1507471,\"153\":1507471,\"154\":1507471,\"155\":1  
507471,\"156\":1507471,\"157\":1507471,\"158\":1507471,\"159\":1507471,\"160\":1  
507471,\"161\":1507471,\"162\":1507471,\"163\":1507471,\"164\":1507471,\"165\":1  
507471,\"166\":1507471,\"167\":1507471,\"168\":1507471,\"169\":1507471,\"170\":1  
507471,\"171\":1507471,\"172\":1507471,\"173\":1507471,\"174\":1507471,\"175\":1  
507471,\"176\":1507471,\"177\":1507471,\"178\":1507471,\"179\":1507471,\"180\":1  
507471,\"181\":1507471,\"182\":1507471,\"183\":1507471,\"184\":1507471,\"185\":1  
507471,\"186\":1507471,\"187\":1507471,\"188\":1507471,\"189\":1507471,\"190\":1  
507471,\"191\":1507471,\"192\":1507471,\"193\":1507471,\"194\":1507471,\"195\":1  
507471,\"196\":1507471,\"197\":1507471,\"198\":1507471,\"199\":1507471,\"200\":1  
507471,\"201\":1507471,\"202\":1507471,\"203\":1507471,\"204\":1507471,\"205\":1  
507471,\"206\":1507471,\"207\":1507471,\"208\":1507471,\"209\":1507471,\"210\":1  
507471,\"211\":1507471,\"212\":1507471,\"213\":1507471,\"214\":1507471,\"215\":1  
507471,\"216\":1507471,\"217\":1504070,\"218\":1504070,\"219\":1504070,\"220\":1  
504070,\"221\":1504070,\"222\":1504070,\"223\":1504070,\"224\":1504070,\"225\":1  
504070,\"226\":1504070,\"227\":1504070,\"228\":1504070,\"229\":1504070,\"230\":1  
504070,\"231\":1504070,\"232\":1504070,\"233\":1504070,\"234\":1504070,\"235\":1  
504070,\"236\":1504070,\"237\":1504070,\"238\":1504070,\"239\":1504070,\"240\":1  
504070,\"241\":1504070,\"242\":1504070,\"243\":1504070,\"244\":1504070,\"245\":1  
504070,\"246\":1504070,\"247\":1504070,\"248\":1504070,\"249\":1504070,\"250\":1  
504070,\"251\":1504070,\"252\":1504070,\"253\":1504070,\"254\":1504070,\"255\":1  
504070,\"256\":1504070,\"257\":1504070,\"258\":1504070,\"259\":1504070,\"260\":1  
504070,\"261\":1504070,\"262\":1504070,\"263\":1504070,\"264\":1504070,\"265\":1  
504070,\"266\":1504070,\"267\":1504070,\"268\":1504070,\"269\":1504070,\"270\":1  
504070,\"271\":1504070,\"272\":1504070,\"273\":1504070,\"274\":1504070,\"275\":1  
504070,\"276\":1504070,\"277\":1504070,\"278\":1504070,\"279\":1504070,\"280\":1  
504070,\"281\":1504070,\"282\":1504070,\"283\":1504070,\"284\":1504070,\"285\":1  
504070,\"286\":1504070,\"287\":1504070,\"288\":1504070,\"289\":1490304,\"290\":1  
490304,\"291\":1490304,\"292\":1490304,\"293\":1490304,\"294\":1490304,\"295\":1  
490304,\"296\":1490304,\"297\":1490304,\"298\":1490304,\"299\":1490304,\"300\":1  
490304,\"301\":1490304,\"302\":1490304,\"303\":1490304,\"304\":1490304,\"305\":1  
490304,\"306\":1490304,\"307\":1490304,\"308\":1490304,\"309\":1490304,\"310\":1  
490304,\"311\":1490304,\"312\":1490304,\"313\":1490304,\"314\":1490304,\"315\":1  
490304,\"316\":1490304,\"317\":1490304,\"318\":1490304,\"319\":1490304,\"320\":1  
490304,\"321\":1490304,\"322\":1490304,\"323\":1490304,\"324\":1490304,\"325\":1  
490304,\"326\":1490304,\"327\":1490304,\"328\":1490304,\"329\":1490304,\"330\":1  
490304,\"331\":1490304,\"332\":1490304,\"333\":1490304,\"334\":1490304,\"335\":1  
490304,\"336\":1490304,\"337\":1490304,\"338\":1490304,\"339\":1490304,\"340\":1  
490304,\"341\":1490304,\"342\":1490304,\"343\":1490304,\"344\":1490304,\"345\":1  
490304,\"346\":1490304,\"347\":1490304,\"348\":1490304,\"349\":1490304,\"350\":1  
490304,\"351\":1490304,\"352\":1490304,\"353\":1490304,\"354\":1490304,\"355\":1

[illegible]

490293,\"596\":1490293,\"597\":1490293,\"598\":1490293,\"599\":1490293,\"600\":1  
490293,\"601\":1490293,\"602\":1490293,\"603\":1490293,\"604\":1490293,\"605\":1  
490293,\"606\":1490293,\"607\":1490293,\"608\":1490293,\"609\":1490293,\"610\":1  
490293,\"611\":1490293,\"612\":1490293,\"613\":1490293,\"614\":1490293,\"615\":1  
490293,\"616\":1490293,\"617\":1490293,\"618\":1490293,\"619\":1490293,\"620\":1  
490293,\"621\":1490293,\"622\":1490293,\"623\":1490293,\"624\":1490293,\"625\":1  
490293,\"626\":1490293,\"627\":1490293,\"628\":1490293,\"629\":1490293,\"630\":1  
490293,\"631\":1490293,\"632\":1490293,\"633\":1490293,\"634\":1490293,\"635\":1  
490293,\"636\":1490293,\"637\":1490293,\"638\":1490293,\"639\":1490293,\"640\":1  
490293,\"641\":1490293,\"642\":1490293,\"643\":1490293,\"644\":1490293,\"645\":1  
490293,\"646\":1490293,\"647\":1490293,\"648\":1490293,\"649\":1489619,\"650\":1  
489619,\"651\":1489619,\"652\":1489619,\"653\":1489619,\"654\":1489619,\"655\":1  
489619,\"656\":1489619,\"657\":1489619,\"658\":1489619,\"659\":1489619,\"660\":1  
489619,\"661\":1489619,\"662\":1489619,\"663\":1489619,\"664\":1489619,\"665\":1  
489619,\"666\":1489619,\"667\":1489619,\"668\":1489619,\"669\":1489619,\"670\":1  
489619,\"671\":1489619,\"672\":1489619,\"673\":1489619,\"674\":1489619,\"675\":1  
489619,\"676\":1489619,\"677\":1489619,\"678\":1489619,\"679\":1489619,\"680\":1  
489619,\"681\":1489619,\"682\":1489619,\"683\":1489619,\"684\":1489619,\"685\":1  
489619,\"686\":1489619,\"687\":1489619,\"688\":1489619,\"689\":1489619,\"690\":1  
489619,\"691\":1489619,\"692\":1489619,\"693\":1489619,\"694\":1489619,\"695\":1  
489619,\"696\":1489619,\"697\":1489619,\"698\":1489619,\"699\":1489619,\"700\":1  
489619,\"701\":1489619,\"702\":1489619,\"703\":1489619,\"704\":1489619,\"705\":1  
489619,\"706\":1489619,\"707\":1489619,\"708\":1489619,\"709\":1489619,\"710\":1  
489619,\"711\":1489619,\"712\":1489619,\"713\":1489619,\"714\":1489619,\"715\":1  
489619,\"716\":1489619,\"717\":1489619,\"718\":1489619,\"719\":1489619,\"720\":1  
489619,\"721\":1489619,\"722\":1504016,\"723\":1504016,\"724\":1504016,\"725\":1  
504016,\"726\":1504016,\"727\":1504016,\"728\":1504016,\"729\":1504016,\"730\":1  
504016,\"731\":1504016,\"732\":1504016,\"733\":1504016,\"734\":1504016,\"735\":1  
504016,\"736\":1504016,\"737\":1504016,\"738\":1504016,\"739\":1504016,\"740\":1  
504016,\"741\":1504016,\"742\":1504016,\"743\":1504016,\"744\":1504016,\"745\":1  
504016,\"746\":1504016,\"747\":1504016,\"748\":1504016,\"749\":1504016,\"750\":1  
504016,\"751\":1504016,\"752\":1504016,\"753\":1504016,\"754\":1504016,\"755\":1  
504016,\"756\":1504016,\"757\":1504016,\"758\":1504016,\"759\":1504016,\"760\":1  
504016,\"761\":1504016,\"762\":1504016,\"763\":1504016,\"764\":1504016,\"765\":1  
504016,\"766\":1504016,\"767\":1504016,\"768\":1504016,\"769\":1504016,\"770\":1  
504016,\"771\":1504016,\"772\":1504016,\"773\":1504016,\"774\":1504016,\"775\":1  
504016,\"776\":1504016,\"777\":1504016,\"778\":1504016,\"779\":1504016,\"780\":1  
504016,\"781\":1504016,\"782\":1504016,\"783\":1504016,\"784\":1504016,\"785\":1  
504016,\"786\":1504016,\"787\":1504016,\"788\":1504016,\"789\":1504016,\"790\":1  
504016,\"791\":1504016,\"792\":1504016,\"793\":1503714,\"794\":1503714,\"795\":1  
503714,\"796\":1503714,\"797\":1503714,\"798\":1503714,\"799\":1503714,\"800\":1  
503714,\"801\":1503714,\"802\":1503714,\"803\":1503714,\"804\":1503714,\"805\":1  
503714,\"806\":1503714,\"807\":1503714,\"808\":1503714,\"809\":1503714,\"810\":1  
503714,\"811\":1503714,\"812\":1503714,\"813\":1503714,\"814\":1503714,\"815\":1  
503714,\"816\":1503714,\"817\":1503714,\"818\":1503714,\"819\":1503714,\"820\":1  
503714,\"821\":1503714,\"822\":1503714,\"823\":1503714,\"824\":1503714,\"825\":1  
503714,\"826\":1503714,\"827\":1503714,\"828\":1503714,\"829\":1503714,\"830\":1  
503714,\"831\":1503714,\"832\":1503714,\"833\":1503714,\"834\":1503714,\"835\":1

503714,\"836\":1503714,\"837\":1503714,\"838\":1503714,\"839\":1503714,\"840\":1  
503714,\"841\":1503714,\"842\":1503714,\"843\":1503714,\"844\":1503714,\"845\":1  
503714,\"846\":1503714,\"847\":1503714,\"848\":1503714,\"849\":1503714,\"850\":1  
503714,\"851\":1503714,\"852\":1503714,\"853\":1503714,\"854\":1503714,\"855\":1  
503714,\"856\":1503714,\"857\":1503714,\"858\":1503714,\"859\":1503714,\"860\":1  
503714,\"861\":1503714,\"862\":1503714,\"863\":1503714,\"864\":1503714,\"865\":1  
490662,\"866\":1490662,\"867\":1490662,\"868\":1490662,\"869\":1490662,\"870\":1  
490662,\"871\":1490662,\"872\":1490662,\"873\":1490662,\"874\":1490662,\"875\":1  
490662,\"876\":1490662,\"877\":1490662,\"878\":1490662,\"879\":1490662,\"880\":1  
490662,\"881\":1490662,\"882\":1490662,\"883\":1490662,\"884\":1490662,\"885\":1  
490662,\"886\":1490662,\"887\":1490662,\"888\":1490662,\"889\":1490662,\"890\":1  
490662,\"891\":1490662,\"892\":1490662,\"893\":1490662,\"894\":1490662,\"895\":1  
490662,\"896\":1490662,\"897\":1490662,\"898\":1490662,\"899\":1490662,\"900\":1  
490662,\"901\":1490662,\"902\":1490662,\"903\":1490662,\"904\":1490662,\"905\":1  
490662,\"906\":1490662,\"907\":1490662,\"908\":1490662,\"909\":1490662,\"910\":1  
490662,\"911\":1490662,\"912\":1490662,\"913\":1490662,\"914\":1490662,\"915\":1  
490662,\"916\":1490662,\"917\":1490662,\"918\":1490662,\"919\":1490662,\"920\":1  
490662,\"921\":1490662,\"922\":1490662,\"923\":1490662,\"924\":1490662,\"925\":1  
490662,\"926\":1490662,\"927\":1490662,\"928\":1490662,\"929\":1490662,\"930\":1  
490662,\"931\":1490662,\"932\":1490662,\"933\":1490662,\"934\":1490662,\"935\":1  
490662,\"936\":1490662,\"937\":1490504,\"938\":1490504,\"939\":1490504,\"940\":1  
490504,\"941\":1490504,\"942\":1490504,\"943\":1490504,\"944\":1490504,\"945\":1  
490504,\"946\":1490504,\"947\":1490504,\"948\":1490504,\"949\":1490504,\"950\":1  
490504,\"951\":1490504,\"952\":1490504,\"953\":1490504,\"954\":1490504,\"955\":1  
490504,\"956\":1490504,\"957\":1490504,\"958\":1490504,\"959\":1490504,\"960\":1  
490504,\"961\":1490504,\"962\":1490504,\"963\":1490504,\"964\":1490504,\"965\":1  
490504,\"966\":1490504,\"967\":1490504,\"968\":1490504,\"969\":1490504,\"970\":1  
490504,\"971\":1490504,\"972\":1490504,\"973\":1490504,\"974\":1490504,\"975\":1  
490504,\"976\":1490504,\"977\":1490504,\"978\":1490504,\"979\":1490504,\"980\":1  
490504,\"981\":1490504,\"982\":1490504,\"983\":1490504,\"984\":1490504,\"985\":1  
490504,\"986\":1490504,\"987\":1490504,\"988\":1490504,\"989\":1490504,\"990\":1  
490504,\"991\":1490504,\"992\":1490504,\"993\":1490504,\"994\":1490504,\"995\":1  
490504,\"996\":1490504,\"997\":1490504,\"998\":1490504,\"999\":1490504,\"1000\":  
1490504,\"1001\":1490504,\"1002\":1490504,\"1003\":1490504,\"1004\":1490504,\"10  
05\":1490504,\"1006\":1490504,\"1007\":1490504,\"1008\":1490504,\"1009\":1490404  
,\"1010\":1490404,\"1011\":1490404,\"1012\":1490404,\"1013\":1490404,\"1014\":14  
90404,\"1015\":1490404,\"1016\":1490404,\"1017\":1490404,\"1018\":1490404,\"1019  
\":1490404,\"1020\":1490404},\"offset\":{\"0\":52.4793544678,\"1\":52.4993544678  
,\"2\":52.5193544678,\"3\":52.5393544678,\"4\":52.5593544678,\"5\":52.5793544678  
,\"6\":52.5993544678,\"7\":52.6193544678,\"8\":52.6393544678,\"9\":52.6593544678  
,\"10\":52.6793544678,\"11\":52.6993544678,\"12\":52.7193544678,\"13\":52.739354  
4678,\"14\":52.7593544678,\"15\":52.7793544678,\"16\":52.8003544678,\"17\":52.82  
03544678,\"18\":52.8403544678,\"19\":52.8603544678,\"20\":52.8803544678,\"21\":5  
2.9003544678,\"22\":52.9203544678,\"23\":52.9403544678,\"24\":52.9603544678,\"25  
\":52.9803544678,\"26\":53.0003544678,\"27\":53.0203544678,\"28\":53.0403544678,  
\"29\":53.0603544678,\"30\":53.0803544678,\"31\":53.1003544678,\"32\":53.1203544  
678,\"33\":53.1403544678,\"34\":53.1603544678,\"35\":53.1803544678,\"36\":53.200  
3544678,\"37\":53.2203544678,\"38\":53.2403544678,\"39\":53.2603544678,\"40\":53

.2803544678,\"41\":53.3003544678,\"42\":53.3203544678,\"43\":53.3403544678,\"44\":53.3603544678,\"45\":53.3803544678,\"46\":53.4003544678,\"47\":53.4213544678,\"48\":53.4413544678,\"49\":53.4613544678,\"50\":53.4813544678,\"51\":53.5013544678,\"52\":53.5213544678,\"53\":53.5413544678,\"54\":53.5613544678,\"55\":53.5813544678,\"56\":53.6013544678,\"57\":53.6213544678,\"58\":53.6413544678,\"59\":53.6613544678,\"60\":53.6813544678,\"61\":53.7013544678,\"62\":53.7213544678,\"63\":53.7413544678,\"64\":53.7613544678,\"65\":53.7813544678,\"66\":53.8013544678,\"67\":53.8213544678,\"68\":53.8413544678,\"69\":53.8613544678,\"70\":53.8813544678,\"71\":53.9013544678,\"72\":52.4917702566,\"73\":52.5107702566,\"74\":52.5307702566,\"75\":52.5497702566,\"76\":52.5697702566,\"77\":52.5887702566,\"78\":52.6087702566,\"79\":52.6277702566,\"80\":52.6477702566,\"81\":52.6667702566,\"82\":52.6867702566,\"83\":52.7067702566,\"84\":52.7257702566,\"85\":52.7457702566,\"86\":52.7647702566,\"87\":52.7847702566,\"88\":52.8037702566,\"89\":52.8237702566,\"90\":52.8427702566,\"91\":52.8627702566,\"92\":52.8817702566,\"93\":52.9017702566,\"94\":52.9207702566,\"95\":52.9407702566,\"96\":52.9597702566,\"97\":52.9797702566,\"98\":52.9987702566,\"99\":53.0187702566,\"100\":53.0377702566,\"101\":53.0577702566,\"102\":53.0767702566,\"103\":53.0967702566,\"104\":53.1157702566,\"105\":53.1357702566,\"106\":53.1547702566,\"107\":53.1747702566,\"108\":53.1937702566,\"109\":53.2137702566,\"110\":53.2337702566,\"111\":53.2527702566,\"112\":53.2727702566,\"113\":53.2917702566,\"114\":53.3117702566,\"115\":53.3307702566,\"116\":53.3507702566,\"117\":53.3697702566,\"118\":53.3897702566,\"119\":53.4087702566,\"120\":53.4287702566,\"121\":53.4477702566,\"122\":53.4677702566,\"123\":53.4867702566,\"124\":53.5067702566,\"125\":53.5257702566,\"126\":53.5457702566,\"127\":53.5647702566,\"128\":53.5847702566,\"129\":53.6037702566,\"130\":53.6237702566,\"131\":53.6427702566,\"132\":53.6627702566,\"133\":53.6817702566,\"134\":53.7017702566,\"135\":53.7207702566,\"136\":53.7407702566,\"137\":53.7607702566,\"138\":53.7797702566,\"139\":53.7997702566,\"140\":53.8187702566,\"141\":53.8387702566,\"142\":53.8577702566,\"143\":53.8777702566,\"144\":53.8967702566,\"145\":52.4819173436,\"146\":52.5019173436,\"147\":52.5219173436,\"148\":52.5419173436,\"149\":52.5619173436,\"150\":52.5819173436,\"151\":52.6019173436,\"152\":52.6229173436,\"153\":52.6429173436,\"154\":52.6629173436,\"155\":52.6829173436,\"156\":52.7029173436,\"157\":52.7229173436,\"158\":52.7429173436,\"159\":52.7629173436,\"160\":52.7829173436,\"161\":52.8029173436,\"162\":52.8229173436,\"163\":52.8429173436,\"164\":52.8629173436,\"165\":52.8829173436,\"166\":52.9029173436,\"167\":52.9229173436,\"168\":52.9429173436,\"169\":52.9629173436,\"170\":52.9829173436,\"171\":53.0029173436,\"172\":53.0229173436,\"173\":53.0429173436,\"174\":53.0629173436,\"175\":53.0829173436,\"176\":53.1029173436,\"177\":53.1229173436,\"178\":53.1439173436,\"179\":53.1639173436,\"180\":53.1839173436,\"181\":53.2039173436,\"182\":53.2239173436,\"183\":53.2439173436,\"184\":53.2639173436,\"185\":53.2839173436,\"186\":53.3039173436,\"187\":53.3239173436,\"188\":53.3439173436,\"189\":53.3639173436,\"190\":53.3839173436,\"191\":53.4039173436,\"192\":53.4239173436,\"193\":53.4439173436,\"194\":53.4639173436,\"195\":53.4839173436,\"196\":53.5039173436,\"197\":53.5239173436,\"198\":53.5439173436,\"199\":53.5639173436,\"200\":53.5839173436,\"201\":53.6039173436,\"202\":53.6239173436,\"203\":53.6439173436,\"204\":53.6649173436,\"205\":53.6849173436,\"206\":53.7049173436,\"207\":53.7249173436,\"208\":53.7449173436,\"209\":53.7649173436,\"210\":53.7849173436,\"211\":53.8049173436,\"212\":53.8249173436,\"213\":53.8449173436,\"214\":53.8649173436,\"215\":53.8849173436,\"216\":53.9049173436,\"217\":52.4742

963306,\"218\":52.4942963306,\"219\":52.5142963306,\"220\":52.5342963306,\"221\":  
:52.5542963306,\"222\":52.5742963306,\"223\":52.5942963306,\"224\":52.6142963306  
,\"225\":52.6342963306,\"226\":52.6552963306,\"227\":52.6752963306,\"228\":52.69  
52963306,\"229\":52.7152963306,\"230\":52.7352963306,\"231\":52.7552963306,\"232  
\":52.7752963306,\"233\":52.7952963306,\"234\":52.8152963306,\"235\":52.83529633  
06,\"236\":52.8552963306,\"237\":52.8752963306,\"238\":52.8952963306,\"239\":52.  
9152963306,\"240\":52.9352963306,\"241\":52.9552963306,\"242\":52.9752963306,\"2  
43\":52.9952963306,\"244\":53.0152963306,\"245\":53.0352963306,\"246\":53.055296  
3306,\"247\":53.0752963306,\"248\":53.0952963306,\"249\":53.1152963306,\"250\":5  
3.1352963306,\"251\":53.1552963306,\"252\":53.1752963306,\"253\":53.1952963306,\"  
\"254\":53.2152963306,\"255\":53.2352963306,\"256\":53.2552963306,\"257\":53.2752  
963306,\"258\":53.2952963306,\"259\":53.3152963306,\"260\":53.3352963306,\"261\":  
:53.3552963306,\"262\":53.3752963306,\"263\":53.3952963306,\"264\":53.4152963306  
,\"265\":53.4352963306,\"266\":53.4552963306,\"267\":53.4752963306,\"268\":53.49  
52963306,\"269\":53.5152963306,\"270\":53.5352963306,\"271\":53.5552963306,\"272  
\":53.5752963306,\"273\":53.5952963306,\"274\":53.6152963306,\"275\":53.63529633  
06,\"276\":53.6552963306,\"277\":53.6752963306,\"278\":53.6952963306,\"279\":53.  
7152963306,\"280\":53.7352963306,\"281\":53.7552963306,\"282\":53.7762963306,\"2  
83\":53.7962963306,\"284\":53.8162963306,\"285\":53.8362963306,\"286\":53.856296  
3306,\"287\":53.8762963306,\"288\":53.8962963306,\"289\":52.488265912,\"290\":52  
.508265912,\"291\":52.528265912,\"292\":52.548265912,\"293\":52.569265912,\"294\  
\":52.589265912,\"295\":52.609265912,\"296\":52.629265912,\"297\":52.649265912,\"  
298\":52.669265912,\"299\":52.689265912,\"300\":52.709265912,\"301\":52.72926591  
2,\"302\":52.749265912,\"303\":52.769265912,\"304\":52.789265912,\"305\":52.8092  
65912,\"306\":52.829265912,\"307\":52.849265912,\"308\":52.869265912,\"309\":52.  
889265912,\"310\":52.909265912,\"311\":52.930265912,\"312\":52.950265912,\"313\  
\":52.970265912,\"314\":52.990265912,\"315\":53.010265912,\"316\":53.030265912,\"3  
17\":53.050265912,\"318\":53.070265912,\"319\":53.090265912,\"320\":53.110265912  
,\"321\":53.130265912,\"322\":53.150265912,\"323\":53.170265912,\"324\":53.19026  
5912,\"325\":53.210265912,\"326\":53.230265912,\"327\":53.250265912,\"328\":53.2  
70265912,\"329\":53.291265912,\"330\":53.311265912,\"331\":53.331265912,\"332\  
\":53.351265912,\"333\":53.371265912,\"334\":53.391265912,\"335\":53.411265912,\"33  
6\":53.431265912,\"337\":53.451265912,\"338\":53.471265912,\"339\":53.491265912,  
\"340\":53.511265912,\"341\":53.531265912,\"342\":53.551265912,\"343\":53.571265  
912,\"344\":53.591265912,\"345\":53.611265912,\"346\":53.631265912,\"347\":53.65  
1265912,\"348\":53.672265912,\"349\":53.692265912,\"350\":53.712265912,\"351\":5  
3.732265912,\"352\":53.752265912,\"353\":53.772265912,\"354\":53.792265912,\"355  
\":53.812265912,\"356\":53.832265912,\"357\":53.852265912,\"358\":53.872265912,\"  
\"359\":53.892265912,\"360\":53.912265912,\"361\":52.4902450381,\"362\":52.510245  
0381,\"363\":52.5302450381,\"364\":52.5502450381,\"365\":52.5702450381,\"366\":5  
2.5902450381,\"367\":52.6102450381,\"368\":52.6302450381,\"369\":52.6502450381,\"  
\"370\":52.6702450381,\"371\":52.6902450381,\"372\":52.7102450381,\"373\":52.7302  
450381,\"374\":52.7502450381,\"375\":52.7702450381,\"376\":52.7892450381,\"377\  
\":52.8092450381,\"378\":52.8292450381,\"379\":52.8492450381,\"380\":52.8692450381  
,\"381\":52.8892450381,\"382\":52.9092450381,\"383\":52.9292450381,\"384\":52.94  
92450381,\"385\":52.9692450381,\"386\":52.9892450381,\"387\":53.0092450381,\"388  
\":53.0292450381,\"389\":53.0492450381,\"390\":53.0692450381,\"391\":53.08924503  
81,\"392\":53.1092450381,\"393\":53.1292450381,\"394\":53.1492450381,\"395\":53.



1692450381,\"396\":53.1892450381,\"397\":53.2092450381,\"398\":53.2292450381,\"399\":53.2492450381,\"400\":53.2692450381,\"401\":53.2892450381,\"402\":53.3092450381,\"403\":53.3292450381,\"404\":53.3492450381,\"405\":53.3692450381,\"406\":53.3892450381,\"407\":53.4092450381,\"408\":53.4292450381,\"409\":53.4482450381,\"410\":53.4682450381,\"411\":53.4882450381,\"412\":53.5082450381,\"413\":53.5282450381,\"414\":53.5482450381,\"415\":53.5682450381,\"416\":53.5882450381,\"417\":53.6082450381,\"418\":53.6282450381,\"419\":53.6482450381,\"420\":53.6682450381,\"421\":53.6882450381,\"422\":53.7082450381,\"423\":53.7282450381,\"424\":53.7482450381,\"425\":53.7682450381,\"426\":53.7882450381,\"427\":53.8082450381,\"428\":53.8282450381,\"429\":53.8482450381,\"430\":53.8682450381,\"431\":53.8882450381,\"432\":53.9082450381,\"433\":52.4851238107,\"434\":52.5051238107,\"435\":52.5251238107,\"436\":52.5451238107,\"437\":52.5651238107,\"438\":52.5851238107,\"439\":52.6051238107,\"440\":52.6251238107,\"441\":52.6451238107,\"442\":52.6661238107,\"443\":52.6861238107,\"444\":52.7061238107,\"445\":52.7261238107,\"446\":52.7461238107,\"447\":52.7661238107,\"448\":52.7861238107,\"449\":52.8061238107,\"450\":52.8261238107,\"451\":52.8461238107,\"452\":52.8661238107,\"453\":52.8861238107,\"454\":52.9061238107,\"455\":52.9261238107,\"456\":52.9461238107,\"457\":52.9661238107,\"458\":52.9861238107,\"459\":53.0061238107,\"460\":53.0261238107,\"461\":53.0461238107,\"462\":53.0661238107,\"463\":53.0861238107,\"464\":53.1061238107,\"465\":53.1261238107,\"466\":53.1461238107,\"467\":53.1661238107,\"468\":53.1861238107,\"469\":53.2061238107,\"470\":53.2261238107,\"471\":53.2461238107,\"472\":53.2661238107,\"473\":53.2861238107,\"474\":53.3061238107,\"475\":53.3261238107,\"476\":53.3461238107,\"477\":53.3661238107,\"478\":53.3861238107,\"479\":53.4061238107,\"480\":53.4261238107,\"481\":53.4461238107,\"482\":53.4661238107,\"483\":53.4861238107,\"484\":53.5061238107,\"485\":53.5261238107,\"486\":53.5461238107,\"487\":53.5661238107,\"488\":53.5861238107,\"489\":53.6061238107,\"490\":53.6261238107,\"491\":53.6461238107,\"492\":53.6661238107,\"493\":53.6861238107,\"494\":53.7061238107,\"495\":53.7261238107,\"496\":53.7461238107,\"497\":53.7661238107,\"498\":53.7861238107,\"499\":53.8061238107,\"500\":53.8261238107,\"501\":53.8461238107,\"502\":53.8661238107,\"503\":53.8861238107,\"504\":53.9061238107,\"505\":52.4922834892,\"506\":52.5122834892,\"507\":52.5322834892,\"508\":52.5522834892,\"509\":52.5722834892,\"510\":52.5922834892,\"511\":52.6122834892,\"512\":52.6322834892,\"513\":52.6522834892,\"514\":52.6722834892,\"515\":52.6922834892,\"516\":52.7122834892,\"517\":52.7322834892,\"518\":52.7522834892,\"519\":52.7722834892,\"520\":52.7922834892,\"521\":52.8122834892,\"522\":52.8322834892,\"523\":52.8522834892,\"524\":52.8722834892,\"525\":52.8922834892,\"526\":52.9122834892,\"527\":52.9322834892,\"528\":52.9522834892,\"529\":52.9722834892,\"530\":52.9922834892,\"531\":53.0122834892,\"532\":53.0322834892,\"533\":53.0522834892,\"534\":53.0722834892,\"535\":53.0922834892,\"536\":53.1122834892,\"537\":53.1322834892,\"538\":53.1522834892,\"539\":53.1722834892,\"540\":53.1922834892,\"541\":53.2122834892,\"542\":53.2322834892,\"543\":53.2522834892,\"544\":53.2722834892,\"545\":53.2922834892,\"546\":53.3122834892,\"547\":53.3322834892,\"548\":53.3522834892,\"549\":53.3722834892,\"550\":53.3922834892,\"551\":53.4122834892,\"552\":53.4322834892,\"553\":53.4522834892,\"554\":53.4722834892,\"555\":53.4922834892,\"556\":53.5122834892,\"557\":53.5322834892,\"558\":53.5522834892,\"559\":53.5722834892,\"560\":53.5922834892,\"561\":53.6122834892,\"562\":53.6322834892,\"563\":53.6522834892,\"564\":53.6722834892,\"565\":53.6922834892,\"566\":53.7122834892,\"567\":53.7322834892,\"568\":53.7522834892,\"569\":53.7722834892,\"

"570\" :53.7922834892,\"571\" :53.8122834892,\"572\" :53.8322834892,\"573\" :53.8522834892,\"574\" :53.8722834892,\"575\" :53.8922834892,\"576\" :53.9122834892,\"577\" :52.4863879023,\"578\" :52.5063879023,\"579\" :52.5263879023,\"580\" :52.5463879023,\"581\" :52.5663879023,\"582\" :52.5863879023,\"583\" :52.6063879023,\"584\" :52.6263879023,\"585\" :52.6453879023,\"586\" :52.6653879023,\"587\" :52.6853879023,\"588\" :52.7053879023,\"589\" :52.7253879023,\"590\" :52.7453879023,\"591\" :52.7653879023,\"592\" :52.7853879023,\"593\" :52.8053879023,\"594\" :52.8253879023,\"595\" :52.8453879023,\"596\" :52.8653879023,\"597\" :52.8853879023,\"598\" :52.9053879023,\"599\" :52.9253879023,\"600\" :52.9453879023,\"601\" :52.9653879023,\"602\" :52.9853879023,\"603\" :53.0053879023,\"604\" :53.0253879023,\"605\" :53.0453879023,\"606\" :53.0653879023,\"607\" :53.0853879023,\"608\" :53.1053879023,\"609\" :53.1253879023,\"610\" :53.1453879023,\"611\" :53.1653879023,\"612\" :53.1853879023,\"613\" :53.2053879023,\"614\" :53.2253879023,\"615\" :53.2453879023,\"616\" :53.2653879023,\"617\" :53.2853879023,\"618\" :53.3053879023,\"619\" :53.3253879023,\"620\" :53.3453879023,\"621\" :53.3653879023,\"622\" :53.3843879023,\"623\" :53.4043879023,\"624\" :53.4243879023,\"625\" :53.4443879023,\"626\" :53.4643879023,\"627\" :53.4843879023,\"628\" :53.5043879023,\"629\" :53.5243879023,\"630\" :53.5443879023,\"631\" :53.5643879023,\"632\" :53.5843879023,\"633\" :53.6043879023,\"634\" :53.6243879023,\"635\" :53.6443879023,\"636\" :53.6643879023,\"637\" :53.6843879023,\"638\" :53.7043879023,\"639\" :53.7243879023,\"640\" :53.7443879023,\"641\" :53.7643879023,\"642\" :53.7843879023,\"643\" :53.8043879023,\"644\" :53.8243879023,\"645\" :53.8443879023,\"646\" :53.8643879023,\"647\" :53.8843879023,\"648\" :53.9043879023,\"649\" :52.474409286,\"650\" :52.494409286,\"651\" :52.514409286,\"652\" :52.533409286,\"653\" :52.553409286,\"654\" :52.573409286,\"655\" :52.593409286,\"656\" :52.613409286,\"657\" :52.633409286,\"658\" :52.653409286,\"659\" :52.673409286,\"660\" :52.693409286,\"661\" :52.713409286,\"662\" :52.733409286,\"663\" :52.753409286,\"664\" :52.773409286,\"665\" :52.793409286,\"666\" :52.813409286,\"667\" :52.833409286,\"668\" :52.853409286,\"669\" :52.873409286,\"670\" :52.893409286,\"671\" :52.913409286,\"672\" :52.933409286,\"673\" :52.953409286,\"674\" :52.973409286,\"675\" :52.993409286,\"676\" :53.013409286,\"677\" :53.033409286,\"678\" :53.053409286,\"679\" :53.073409286,\"680\" :53.093409286,\"681\" :53.113409286,\"682\" :53.133409286,\"683\" :53.153409286,\"684\" :53.173409286,\"685\" :53.193409286,\"686\" :53.213409286,\"687\" :53.233409286,\"688\" :53.253409286,\"689\" :53.273409286,\"690\" :53.293409286,\"691\" :53.313409286,\"692\" :53.333409286,\"693\" :53.353409286,\"694\" :53.373409286,\"695\" :53.393409286,\"696\" :53.413409286,\"697\" :53.433409286,\"698\" :53.453409286,\"699\" :53.473409286,\"700\" :53.493409286,\"701\" :53.513409286,\"702\" :53.533409286,\"703\" :53.553409286,\"704\" :53.573409286,\"705\" :53.593409286,\"706\" :53.613409286,\"707\" :53.633409286,\"708\" :53.652409286,\"709\" :53.672409286,\"710\" :53.692409286,\"711\" :53.712409286,\"712\" :53.732409286,\"713\" :53.752409286,\"714\" :53.772409286,\"715\" :53.792409286,\"716\" :53.812409286,\"717\" :53.832409286,\"718\" :53.852409286,\"719\" :53.872409286,\"720\" :53.892409286,\"721\" :53.912409286,\"722\" :52.4914835212,\"723\" :52.5114835212,\"724\" :52.5314835212,\"725\" :52.5514835212,\"726\" :52.5724835212,\"727\" :52.5924835212,\"728\" :52.6124835212,\"729\" :52.6324835212,\"730\" :52.6524835212,\"731\" :52.6724835212,\"732\" :52.6924835212,\"733\" :52.7124835212,\"734\" :52.7324835212,\"735\" :52.7524835212,\"736\" :52.7724835212,\"737\" :52.7924835212,\"738\" :52.8134835212,\"739\" :52.8334835212,\"740\" :52.8534835212,\"741\" :52.8734835212,\"742\" :52.8934835212,\"743\" :52.9134835212,\"744\" :52.9334835212,\"745\" :52.9534835212,\"746\" :52.9734835212,\"747\" :52.9934835212

2,\"748\":53.0134835212,\"749\":53.0344835212,\"750\":53.0544835212,\"751\":53.0744835212,\"752\":53.0944835212,\"753\":53.1144835212,\"754\":53.1344835212,\"755\":53.1544835212,\"756\":53.1744835212,\"757\":53.1944835212,\"758\":53.2144835212,\"759\":53.2344835212,\"760\":53.2544835212,\"761\":53.2754835212,\"762\":53.2954835212,\"763\":53.3154835212,\"764\":53.3354835212,\"765\":53.3554835212,\"766\":53.3754835212,\"767\":53.3954835212,\"768\":53.4154835212,\"769\":53.4354835212,\"770\":53.4554835212,\"771\":53.4754835212,\"772\":53.4954835212,\"773\":53.5164835212,\"774\":53.5364835212,\"775\":53.5564835212,\"776\":53.5764835212,\"777\":53.5964835212,\"778\":53.6164835212,\"779\":53.6364835212,\"780\":53.6564835212,\"781\":53.6764835212,\"782\":53.6964835212,\"783\":53.7164835212,\"784\":53.7374835212,\"785\":53.7574835212,\"786\":53.7774835212,\"787\":53.7974835212,\"788\":53.8174835212,\"789\":53.8374835212,\"790\":53.8574835212,\"791\":53.8774835212,\"792\":53.8974835212,\"793\":52.4841954856,\"794\":52.5041954856,\"795\":52.5241954856,\"796\":52.5441954856,\"797\":52.5641954856,\"798\":52.5841954856,\"799\":52.6041954856,\"800\":52.6241954856,\"801\":52.6441954856,\"802\":52.6641954856,\"803\":52.6851954856,\"804\":52.7051954856,\"805\":52.7251954856,\"806\":52.7451954856,\"807\":52.7651954856,\"808\":52.7851954856,\"809\":52.8051954856,\"810\":52.8251954856,\"811\":52.8451954856,\"812\":52.8651954856,\"813\":52.8851954856,\"814\":52.9051954856,\"815\":52.9251954856,\"816\":52.9451954856,\"817\":52.9651954856,\"818\":52.9851954856,\"819\":53.0051954856,\"820\":53.0251954856,\"821\":53.0451954856,\"822\":53.0651954856,\"823\":53.0851954856,\"824\":53.1051954856,\"825\":53.1251954856,\"826\":53.1451954856,\"827\":53.1651954856,\"828\":53.1851954856,\"829\":53.2051954856,\"830\":53.2251954856,\"831\":53.2451954856,\"832\":53.2651954856,\"833\":53.2851954856,\"834\":53.3051954856,\"835\":53.3251954856,\"836\":53.3451954856,\"837\":53.3651954856,\"838\":53.3851954856,\"839\":53.4051954856,\"840\":53.4251954856,\"841\":53.4451954856,\"842\":53.4651954856,\"843\":53.4851954856,\"844\":53.5051954856,\"845\":53.5251954856,\"846\":53.5451954856,\"847\":53.5651954856,\"848\":53.5851954856,\"849\":53.6051954856,\"850\":53.6251954856,\"851\":53.6451954856,\"852\":53.6651954856,\"853\":53.6851954856,\"854\":53.7051954856,\"855\":53.7251954856,\"856\":53.7451954856,\"857\":53.7651954856,\"858\":53.7851954856,\"859\":53.8051954856,\"860\":53.8251954856,\"861\":53.8461954856,\"862\":53.8661954856,\"863\":53.8861954856,\"864\":53.9061954856,\"865\":52.4799886202,\"866\":52.4999886202,\"867\":52.5199886202,\"868\":52.5399886202,\"869\":52.5599886202,\"870\":52.5799886202,\"871\":52.5999886202,\"872\":52.6199886202,\"873\":52.6399886202,\"874\":52.6599886202,\"875\":52.6799886202,\"876\":52.6999886202,\"877\":52.7199886202,\"878\":52.7399886202,\"879\":52.7599886202,\"880\":52.7799886202,\"881\":52.7999886202,\"882\":52.8199886202,\"883\":52.8399886202,\"884\":52.8599886202,\"885\":52.8799886202,\"886\":52.8999886202,\"887\":52.9199886202,\"888\":52.9399886202,\"889\":52.9599886202,\"890\":52.9799886202,\"891\":52.9999886202,\"892\":53.0199886202,\"893\":53.0399886202,\"894\":53.0599886202,\"895\":53.0799886202,\"896\":53.0999886202,\"897\":53.1199886202,\"898\":53.1399886202,\"899\":53.1599886202,\"900\":53.1799886202,\"901\":53.1999886202,\"902\":53.2199886202,\"903\":53.2399886202,\"904\":53.2599886202,\"905\":53.2799886202,\"906\":53.3009886202,\"907\":53.3209886202,\"908\":53.3409886202,\"909\":53.3609886202,\"910\":53.3809886202,\"911\":53.4009886202,\"912\":53.4209886202,\"913\":53.4409886202,\"914\":53.4609886202,\"915\":53.4809886202,\"916\":53.5009886202,\"917\":53.5209886202,\"918\":53.5409886202,\"919\":53.5609886202,\"920\":53.5809886202,\"921\":53.6009886202,\"922\":53

.6209886202,\"923\":53.6409886202,\"924\":53.6609886202,\"925\":53.6809886202,\"926\":53.7009886202,\"927\":53.7209886202,\"928\":53.7409886202,\"929\":53.7609886202,\"930\":53.7809886202,\"931\":53.8009886202,\"932\":53.8209886202,\"933\":53.8409886202,\"934\":53.8609886202,\"935\":53.8809886202,\"936\":53.9009886202,\"937\":52.486721557,\"938\":52.506721557,\"939\":52.526721557,\"940\":52.546721557,\"941\":52.566721557,\"942\":52.586721557,\"943\":52.606721557,\"944\":52.626721557,\"945\":52.646721557,\"946\":52.666721557,\"947\":52.686721557,\"948\":52.706721557,\"949\":52.726721557,\"950\":52.746721557,\"951\":52.766721557,\"952\":52.786721557,\"953\":52.807721557,\"954\":52.827721557,\"955\":52.847721557,\"956\":52.867721557,\"957\":52.887721557,\"958\":52.907721557,\"959\":52.927721557,\"960\":52.947721557,\"961\":52.967721557,\"962\":52.987721557,\"963\":53.007721557,\"964\":53.027721557,\"965\":53.047721557,\"966\":53.067721557,\"967\":53.087721557,\"968\":53.107721557,\"969\":53.127721557,\"970\":53.147721557,\"971\":53.167721557,\"972\":53.187721557,\"973\":53.207721557,\"974\":53.227721557,\"975\":53.247721557,\"976\":53.267721557,\"977\":53.287721557,\"978\":53.307721557,\"979\":53.327721557,\"980\":53.347721557,\"981\":53.367721557,\"982\":53.387721557,\"983\":53.407721557,\"984\":53.427721557,\"985\":53.447721557,\"986\":53.467721557,\"987\":53.487721557,\"988\":53.507721557,\"989\":53.527721557,\"990\":53.547721557,\"991\":53.567721557,\"992\":53.587721557,\"993\":53.608721557,\"994\":53.628721557,\"995\":53.648721557,\"996\":53.668721557,\"997\":53.688721557,\"998\":53.708721557,\"999\":53.728721557,\"1000\":53.748721557,\"1001\":53.768721557,\"1002\":53.788721557,\"1003\":53.808721557,\"1004\":53.828721557,\"1005\":53.848721557,\"1006\":53.868721557,\"1007\":53.888721557,\"1008\":53.908721557,\"1009\":53.6774341745,\"1010\":53.6974341745,\"1011\":53.7174341745,\"1012\":53.7374341745,\"1013\":53.7574341745,\"1014\":53.7774341745,\"1015\":53.7974341745,\"1016\":53.8174341745,\"1017\":53.8374341745,\"1018\":53.8574341745,\"1019\":53.8774341745,\"1020\":53.8974341745},\"x\":{\"0\":-0.769,\"1\":-0.832,\"2\":-0.825,\"3\":-0.763,\"4\":-1.037,\"5\":-0.807,\"6\":-1.028,\"7\":-0.87,\"8\":-0.994,\"9\":-1.221,\"10\":-1.014,\"11\":-1.26,\"12\":-1.547,\"13\":-0.827,\"14\":-1.359,\"15\":-0.898,\"16\":-1.264,\"17\":-0.773,\"18\":-0.839,\"19\":-1.022,\"20\":-0.871,\"21\":-0.915,\"22\":-0.96,\"23\":-0.862,\"24\":-1.014,\"25\":-1.251,\"26\":-0.858,\"27\":-0.863,\"28\":-1.262,\"29\":-1.012,\"30\":-1.088,\"31\":-1.06,\"32\":-1.065,\"33\":-1.059,\"34\":-0.777,\"35\":-1.186,\"36\":-0.835,\"37\":-0.768,\"38\":-1.031,\"39\":-0.993,\"40\":-0.631,\"41\":-1.084,\"42\":-0.948,\"43\":-1.203,\"44\":-0.805,\"45\":-1.38,\"46\":-0.852,\"47\":-1.075,\"48\":-1.206,\"49\":-0.901,\"50\":-1.012,\"51\":-1.085,\"52\":-0.973,\"53\":-1.248,\"54\":-1.06,\"55\":-0.972,\"56\":-1.105,\"57\":-0.841,\"58\":-0.937,\"59\":-0.899,\"60\":-0.894,\"61\":-0.943,\"62\":-0.805,\"63\":-0.898,\"64\":-0.935,\"65\":-1.008,\"66\":-0.918,\"67\":-1.103,\"68\":-0.98,\"69\":-0.945,\"70\":-1.09,\"71\":-1.011,\"72\":-0.917,\"73\":-0.94,\"74\":-0.963,\"75\":-1.009,\"76\":-0.908,\"77\":-1.048,\"78\":-0.921,\"79\":-1.066,\"80\":-0.942,\"81\":-0.964,\"82\":-0.998,\"83\":-0.83,\"84\":-1.136,\"85\":-0.946,\"86\":-1.052,\"87\":-0.968,\"88\":-1.142,\"89\":-1.114,\"90\":-0.952,\"91\":-1.009,\"92\":-0.893,\"93\":-1.037,\"94\":-0.959,\"95\":-1.035,\"96\":-0.93,\"97\":-1.031,\"98\":-0.915,\"99\":-1.043,\"100\":-0.95,\"101\":-1.001,\"102\":-0.957,\"103\":-1.054,\"104\":-1.013,\"105\":-0.928,\"106\":-1.117,\"107\":-0.871,\"108\":-

1.12,\"109\":-0.921,\"110\":-1.016,\"111\":-1.045,\"112\":-0.947,\"113\":-  
 0.868,\"114\":-0.934,\"115\":-0.933,\"116\":-0.966,\"117\":-0.987,\"118\":-  
 0.971,\"119\":-0.94,\"120\":-0.979,\"121\":-0.931,\"122\":-0.919,\"123\":-  
 1.006,\"124\":-0.943,\"125\":-1.017,\"126\":-0.888,\"127\":-1.047,\"128\":-  
 0.907,\"129\":-1.02,\"130\":-0.951,\"131\":-1.058,\"132\":-0.93,\"133\":-  
 1.055,\"134\":-0.94,\"135\":-1.047,\"136\":-1.014,\"137\":-1.062,\"138\":-  
 1.015,\"139\":-1.057,\"140\":-1.013,\"141\":-1.073,\"142\":-1.08,\"143\":-  
 1.059,\"144\":-  
 1.062,\"145\":1.039,\"146\":0.972,\"147\":1.034,\"148\":1.023,\"149\":1.031,\"15  
 0\":0.977,\"151\":1.074,\"152\":0.963,\"153\":1.033,\"154\":0.929,\"155\":0.994,  
 \"156\":0.999,\"157\":0.953,\"158\":1.022,\"159\":0.956,\"160\":1.041,\"161\":1.  
 004,\"162\":0.963,\"163\":0.98,\"164\":1.05,\"165\":0.95,\"166\":1.011,\"167\":1  
 .003,\"168\":0.934,\"169\":1.046,\"170\":0.971,\"171\":0.967,\"172\":1.003,\"173  
 \":0.996,\"174\":0.997,\"175\":1.033,\"176\":0.975,\"177\":1.046,\"178\":1.015,\"  
 \"179\":0.99,\"180\":0.975,\"181\":1.056,\"182\":0.932,\"183\":1.051,\"184\":0.96  
 7,\"185\":1.04,\"186\":1.0,\"187\":1.09,\"188\":0.925,\"189\":1.063,\"190\":1.05  
 4,\"191\":0.975,\"192\":1.064,\"193\":0.977,\"194\":0.969,\"195\":0.979,\"196\":  
 0.941,\"197\":0.943,\"198\":1.037,\"199\":0.97,\"200\":1.05,\"201\":0.992,\"202\  
 \":1.055,\"203\":1.032,\"204\":1.002,\"205\":0.979,\"206\":0.995,\"207\":0.994,\"  
 \"208\":1.052,\"209\":0.992,\"210\":1.011,\"211\":1.043,\"212\":1.004,\"213\":1.02  
 4,\"214\":0.96,\"215\":1.076,\"216\":0.928,\"217\":1.043,\"218\":1.069,\"219\":1  
 .006,\"220\":0.844,\"221\":1.133,\"222\":1.062,\"223\":1.023,\"224\":1.233,\"225  
 \":0.95,\"226\":1.072,\"227\":1.058,\"228\":1.034,\"229\":0.976,\"230\":0.965,\"  
 \"231\":1.112,\"232\":1.09,\"233\":1.049,\"234\":1.058,\"235\":1.03,\"236\":1.003,  
 \"237\":1.163,\"238\":0.906,\"239\":1.079,\"240\":1.064,\"241\":1.013,\"242\":0.  
 985,\"243\":1.16,\"244\":0.992,\"245\":1.146,\"246\":1.072,\"247\":1.077,\"248\  
 \":1.306,\"249\":1.125,\"250\":1.184,\"251\":1.231,\"252\":1.146,\"253\":1.253,\"2  
 54\":1.14,\"255\":1.049,\"256\":1.124,\"257\":1.09,\"258\":0.899,\"259\":0.919,\"  
 \"260\":1.038,\"261\":0.976,\"262\":0.915,\"263\":0.989,\"264\":0.948,\"265\":1.0  
 46,\"266\":1.031,\"267\":0.888,\"268\":0.937,\"269\":1.045,\"270\":0.986,\"271\  
 \":0.994,\"272\":1.084,\"273\":1.022,\"274\":0.965,\"275\":1.203,\"276\":1.047,\"2  
 77\":1.005,\"278\":1.097,\"279\":1.253,\"280\":0.992,\"281\":0.902,\"282\":1.402  
 ,\"283\":1.005,\"284\":0.952,\"285\":1.04,\"286\":1.017,\"287\":1.03,\"288\":0.9  
 49,\"289\":1.064,\"290\":0.885,\"291\":1.104,\"292\":0.864,\"293\":1.008,\"294\  
 \":0.956,\"295\":0.978,\"296\":0.843,\"297\":0.995,\"298\":0.936,\"299\":0.992,\"3  
 00\":0.901,\"301\":1.044,\"302\":0.995,\"303\":0.924,\"304\":0.946,\"305\":1.028  
 ,\"306\":1.005,\"307\":0.912,\"308\":0.995,\"309\":0.975,\"310\":1.02,\"311\":1.  
 013,\"312\":0.978,\"313\":0.907,\"314\":1.074,\"315\":1.014,\"316\":0.947,\"317\  
 \":0.977,\"318\":1.03,\"319\":0.997,\"320\":0.958,\"321\":1.062,\"322\":1.001,\"3  
 23\":0.995,\"324\":1.001,\"325\":1.02,\"326\":0.996,\"327\":0.948,\"328\":1.009,  
 \"329\":0.986,\"330\":0.941,\"331\":0.984,\"332\":1.04,\"333\":0.988,\"334\":0.9  
 76,\"335\":0.973,\"336\":0.914,\"337\":1.092,\"338\":1.011,\"339\":1.019,\"340\  
 \":0.924,\"341\":1.072,\"342\":1.032,\"343\":0.973,\"344\":0.991,\"345\":1.001,\"3  
 46\":0.986,\"347\":0.989,\"348\":0.998,\"349\":1.009,\"350\":0.951,\"351\":1.058  
 ,\"352\":0.992,\"353\":1.01,\"354\":0.938,\"355\":1.134,\"356\":1.01,\"357\":0.9  
 98,\"358\":0.996,\"359\":1.059,\"360\":0.984,\"361\":-0.992,\"362\":-  
 1.013,\"363\":-1.012,\"364\":-1.012,\"365\":-0.989,\"366\":-0.998,\"367\":-  
 1.005,\"368\":-0.986,\"369\":-0.972,\"370\":-1.001,\"371\":-0.996,\"372\":-

0.99,\"373\":-0.981,\"374\":-0.999,\"375\":-0.982,\"376\":-0.994,\"377\":-  
 0.979,\"378\":-0.986,\"379\":-0.972,\"380\":-0.987,\"381\":-1.0,\"382\":-  
 0.99,\"383\":-0.971,\"384\":-0.994,\"385\":-0.994,\"386\":-0.991,\"387\":-  
 0.984,\"388\":-0.995,\"389\":-0.987,\"390\":-0.998,\"391\":-0.984,\"392\":-  
 0.99,\"393\":-0.982,\"394\":-0.961,\"395\":-0.994,\"396\":-0.98,\"397\":-  
 0.979,\"398\":-0.982,\"399\":-0.996,\"400\":-0.989,\"401\":-0.979,\"402\":-  
 0.99,\"403\":-0.993,\"404\":-0.98,\"405\":-0.989,\"406\":-0.989,\"407\":-  
 0.989,\"408\":-0.975,\"409\":-0.97,\"410\":-0.986,\"411\":-0.984,\"412\":-  
 0.969,\"413\":-0.966,\"414\":-0.987,\"415\":-0.989,\"416\":-0.978,\"417\":-  
 0.98,\"418\":-0.984,\"419\":-0.961,\"420\":-0.983,\"421\":-0.993,\"422\":-  
 0.985,\"423\":-0.992,\"424\":-0.989,\"425\":-0.993,\"426\":-0.988,\"427\":-  
 0.982,\"428\":-0.993,\"429\":-1.012,\"430\":-1.011,\"431\":-0.995,\"432\":-  
 1.014,\"433\":-1.024,\"434\":-1.002,\"435\":-0.856,\"436\":-0.965,\"437\":-  
 1.166,\"438\":-1.069,\"439\":-0.693,\"440\":-0.99,\"441\":-0.909,\"442\":-  
 1.139,\"443\":-1.126,\"444\":-0.912,\"445\":-0.969,\"446\":-1.144,\"447\":-  
 1.047,\"448\":-0.947,\"449\":-0.813,\"450\":-0.963,\"451\":-1.199,\"452\":-  
 1.035,\"453\":-1.097,\"454\":-0.914,\"455\":-0.993,\"456\":-1.051,\"457\":-  
 0.988,\"458\":-1.023,\"459\":-1.042,\"460\":-1.083,\"461\":-1.009,\"462\":-  
 0.929,\"463\":-1.16,\"464\":-1.192,\"465\":-0.725,\"466\":-1.061,\"467\":-  
 1.186,\"468\":-1.038,\"469\":-0.933,\"470\":-0.909,\"471\":-0.926,\"472\":-  
 0.929,\"473\":-0.942,\"474\":-0.918,\"475\":-1.062,\"476\":-1.088,\"477\":-  
 1.029,\"478\":-0.865,\"479\":-1.013,\"480\":-1.072,\"481\":-1.051,\"482\":-  
 0.884,\"483\":-0.998,\"484\":-1.085,\"485\":-1.018,\"486\":-0.893,\"487\":-  
 0.989,\"488\":-1.037,\"489\":-0.953,\"490\":-0.816,\"491\":-0.915,\"492\":-  
 0.944,\"493\":-0.97,\"494\":-0.955,\"495\":-0.872,\"496\":-0.985,\"497\":-  
 0.99,\"498\":-0.82,\"499\":-0.975,\"500\":-0.947,\"501\":-1.046,\"502\":-  
 0.974,\"503\":-0.882,\"504\":-  
 0.966,\"505\":0.974,\"506\":1.016,\"507\":0.994,\"508\":1.005,\"509\":1.02,\"510  
 \":1.038,\"511\":0.972,\"512\":0.994,\"513\":1.031,\"514\":0.967,\"515\":1.012,\"  
 \"516\":0.946,\"517\":0.991,\"518\":1.024,\"519\":0.98,\"520\":0.974,\"521\":0.98  
 5,\"522\":0.984,\"523\":1.005,\"524\":0.995,\"525\":0.902,\"526\":1.062,\"527\":  
 1.025,\"528\":0.937,\"529\":0.997,\"530\":0.993,\"531\":0.972,\"532\":1.005,\"53  
 3\":1.009,\"534\":0.984,\"535\":1.013,\"536\":0.996,\"537\":0.978,\"538\":0.994,  
 \"539\":0.973,\"540\":1.006,\"541\":1.01,\"542\":1.002,\"543\":0.994,\"544\":1.0  
 13,\"545\":1.016,\"546\":0.964,\"547\":1.001,\"548\":0.975,\"549\":0.954,\"550\"  
 :0.966,\"551\":0.964,\"552\":0.973,\"553\":0.964,\"554\":0.947,\"555\":0.978,\"5  
 56\":0.973,\"557\":1.031,\"558\":0.978,\"559\":1.033,\"560\":1.037,\"561\":1.003  
 ,\"562\":0.972,\"563\":1.037,\"564\":1.072,\"565\":0.913,\"566\":1.014,\"567\":1  
 .058,\"568\":1.012,\"569\":1.008,\"570\":0.895,\"571\":0.912,\"572\":0.981,\"573  
 \":0.995,\"574\":0.939,\"575\":1.006,\"576\":0.997,\"577\":-0.919,\"578\":-  
 0.961,\"579\":-0.979,\"580\":-0.941,\"581\":-0.911,\"582\":-0.946,\"583\":-  
 0.951,\"584\":-0.931,\"585\":-0.983,\"586\":-1.032,\"587\":-0.997,\"588\":-  
 1.003,\"589\":-1.02,\"590\":-0.994,\"591\":-1.012,\"592\":-1.04,\"593\":-  
 1.006,\"594\":-0.993,\"595\":-0.991,\"596\":-0.993,\"597\":-0.964,\"598\":-  
 0.963,\"599\":-1.004,\"600\":-0.982,\"601\":-0.953,\"602\":-1.004,\"603\":-  
 1.019,\"604\":-0.96,\"605\":-0.946,\"606\":-0.993,\"607\":-0.986,\"608\":-  
 0.951,\"609\":-0.965,\"610\":-1.023,\"611\":-0.981,\"612\":-0.981,\"613\":-  
 1.006,\"614\":-0.998,\"615\":-0.937,\"616\":-0.968,\"617\":-1.001,\"618\":-

0.955,\"619\":-0.932,\"620\":-0.967,\"621\":-0.97,\"622\":-0.966,\"623\":-  
0.955,\"624\":-0.995,\"625\":-0.992,\"626\":-0.98,\"627\":-0.996,\"628\":-  
0.97,\"629\":-0.964,\"630\":-0.981,\"631\":-0.998,\"632\":-1.009,\"633\":-  
0.968,\"634\":-0.953,\"635\":-0.948,\"636\":-0.984,\"637\":-0.977,\"638\":-  
0.966,\"639\":-0.977,\"640\":-0.997,\"641\":-0.975,\"642\":-0.989,\"643\":-  
0.966,\"644\":-1.004,\"645\":-1.004,\"646\":-0.976,\"647\":-0.972,\"648\":-  
0.99,\"649\":1.005,\"650\":0.97,\"651\":0.951,\"652\":0.948,\"653\":1.031,\"654\":  
0.975,\"655\":0.987,\"656\":0.909,\"657\":0.942,\"658\":0.965,\"659\":0.835,\"  
660\":0.961,\"661\":0.921,\"662\":0.973,\"663\":1.037,\"664\":0.921,\"665\":0.96  
,\"666\":0.993,\"667\":0.949,\"668\":1.005,\"669\":0.909,\"670\":0.944,\"671\":1  
.062,\"672\":1.039,\"673\":1.015,\"674\":1.005,\"675\":0.993,\"676\":1.044,\"677  
\":1.004,\"678\":1.078,\"679\":0.988,\"680\":0.976,\"681\":1.053,\"682\":0.979,\"  
\"683\":1.009,\"684\":1.025,\"685\":0.992,\"686\":1.07,\"687\":0.999,\"688\":0.95  
5,\"689\":1.049,\"690\":1.005,\"691\":0.961,\"692\":1.002,\"693\":0.912,\"694\":  
0.97,\"695\":0.996,\"696\":0.876,\"697\":0.975,\"698\":0.956,\"699\":1.022,\"700  
\":1.068,\"701\":0.977,\"702\":1.04,\"703\":1.004,\"704\":0.962,\"705\":1.039,\"  
\"706\":0.939,\"707\":0.992,\"708\":1.0,\"709\":0.96,\"710\":1.002,\"711\":0.987,\"  
\"712\":1.012,\"713\":0.986,\"714\":0.989,\"715\":0.996,\"716\":0.98,\"717\":1.08  
2,\"718\":0.911,\"719\":0.983,\"720\":1.013,\"721\":0.947,\"722\":-  
0.999,\"723\":-0.999,\"724\":-0.987,\"725\":-1.012,\"726\":-0.991,\"727\":-  
1.01,\"728\":-1.01,\"729\":-0.992,\"730\":-1.011,\"731\":-0.987,\"732\":-  
0.996,\"733\":-0.989,\"734\":-0.987,\"735\":-1.014,\"736\":-0.984,\"737\":-  
1.003,\"738\":-1.009,\"739\":-0.998,\"740\":-1.01,\"741\":-0.989,\"742\":-  
1.002,\"743\":-1.002,\"744\":-0.987,\"745\":-1.01,\"746\":-0.99,\"747\":-  
1.006,\"748\":-1.01,\"749\":-0.995,\"750\":-1.013,\"751\":-0.99,\"752\":-  
0.993,\"753\":-1.003,\"754\":-0.991,\"755\":-1.009,\"756\":-0.997,\"757\":-  
1.002,\"758\":-1.014,\"759\":-0.993,\"760\":-1.01,\"761\":-0.999,\"762\":-  
0.988,\"763\":-1.002,\"764\":-0.986,\"765\":-1.008,\"766\":-1.007,\"767\":-  
0.995,\"768\":-1.012,\"769\":-0.991,\"770\":-0.999,\"771\":-1.006,\"772\":-  
0.983,\"773\":-1.006,\"774\":-0.99,\"775\":-1.001,\"776\":-1.018,\"777\":-  
0.996,\"778\":-1.009,\"779\":-0.991,\"780\":-0.997,\"781\":-1.01,\"782\":-  
0.981,\"783\":-1.006,\"784\":-0.998,\"785\":-0.999,\"786\":-1.016,\"787\":-  
0.986,\"788\":-1.012,\"789\":-1.002,\"790\":-0.987,\"791\":-1.01,\"792\":-  
0.981,\"793\":0.989,\"794\":0.996,\"795\":0.989,\"796\":0.992,\"797\":1.0,\"798\\  
\":1.001,\"799\":0.995,\"800\":1.004,\"801\":1.002,\"802\":0.999,\"803\":0.996,\"  
\"804\":0.995,\"805\":0.993,\"806\":0.997,\"807\":0.991,\"808\":0.998,\"809\":0.99  
5,\"810\":0.992,\"811\":0.991,\"812\":0.998,\"813\":0.992,\"814\":0.993,\"815\":  
0.994,\"816\":0.993,\"817\":0.989,\"818\":0.995,\"819\":0.996,\"820\":0.994,\"82  
1\":0.992,\"822\":0.995,\"823\":0.99,\"824\":0.987,\"825\":0.99,\"826\":0.996,\"  
\"827\":0.989,\"828\":0.993,\"829\":0.991,\"830\":0.989,\"831\":0.992,\"832\":0.99  
2,\"833\":0.992,\"834\":0.994,\"835\":0.993,\"836\":0.994,\"837\":0.986,\"838\":  
0.99,\"839\":0.987,\"840\":0.985,\"841\":0.993,\"842\":0.994,\"843\":0.982,\"844  
\":0.992,\"845\":1.001,\"846\":0.993,\"847\":0.983,\"848\":0.993,\"849\":1.0,\"8  
50\":0.988,\"851\":0.997,\"852\":1.001,\"853\":0.991,\"854\":1.004,\"855\":0.999  
,\"856\":0.991,\"857\":0.994,\"858\":0.986,\"859\":0.994,\"860\":0.976,\"861\":0  
.993,\"862\":0.978,\"863\":0.995,\"864\":0.971,\"865\":-0.979,\"866\":-  
0.986,\"867\":-0.996,\"868\":-0.977,\"869\":-0.999,\"870\":-0.984,\"871\":-  
0.984,\"872\":-1.003,\"873\":-0.975,\"874\":-0.992,\"875\":-0.996,\"876\":-

0.975,\"877\":-1.004,\"878\":-0.975,\"879\":-0.988,\"880\":-0.999,\"881\":-  
 0.969,\"882\":-1.004,\"883\":-0.984,\"884\":-0.978,\"885\":-1.006,\"886\":-  
 0.971,\"887\":-1.0,\"888\":-0.989,\"889\":-0.974,\"890\":-1.008,\"891\":-  
 0.972,\"892\":-0.993,\"893\":-0.995,\"894\":-0.971,\"895\":-1.004,\"896\":-  
 0.983,\"897\":-0.989,\"898\":-0.997,\"899\":-0.974,\"900\":-1.002,\"901\":-  
 0.988,\"902\":-0.975,\"903\":-1.002,\"904\":-0.98,\"905\":-0.991,\"906\":-  
 0.996,\"907\":-0.981,\"908\":-0.999,\"909\":-0.98,\"910\":-0.987,\"911\":-  
 0.999,\"912\":-0.974,\"913\":-0.994,\"914\":-0.99,\"915\":-0.98,\"916\":-  
 1.005,\"917\":-0.977,\"918\":-0.992,\"919\":-0.997,\"920\":-0.972,\"921\":-  
 1.004,\"922\":-0.978,\"923\":-0.98,\"924\":-1.008,\"925\":-0.975,\"926\":-  
 0.998,\"927\":-0.985,\"928\":-0.984,\"929\":-1.003,\"930\":-0.974,\"931\":-  
 1.001,\"932\":-0.994,\"933\":-0.97,\"934\":-1.009,\"935\":-0.98,\"936\":-  
 0.993,\"937\":-0.997,\"938\":-1.003,\"939\":-1.008,\"940\":-1.011,\"941\":-  
 1.001,\"942\":-0.988,\"943\":-0.984,\"944\":-0.989,\"945\":-0.997,\"946\":-  
 1.003,\"947\":-0.999,\"948\":-0.988,\"949\":-0.986,\"950\":-0.993,\"951\":-  
 1.001,\"952\":-1.002,\"953\":-0.997,\"954\":-0.997,\"955\":-0.995,\"956\":-  
 0.992,\"957\":-0.988,\"958\":-0.985,\"959\":-0.987,\"960\":-1.002,\"961\":-  
 1.009,\"962\":-1.006,\"963\":-0.992,\"964\":-0.979,\"965\":-0.985,\"966\":-  
 0.997,\"967\":-1.003,\"968\":-1.0,\"969\":-0.998,\"970\":-0.992,\"971\":-  
 0.989,\"972\":-0.988,\"973\":-0.995,\"974\":-1.0,\"975\":-0.998,\"976\":-  
 0.991,\"977\":-0.991,\"978\":-0.994,\"979\":-1.002,\"980\":-0.997,\"981\":-  
 0.989,\"982\":-0.982,\"983\":-0.987,\"984\":-0.999,\"985\":-1.01,\"986\":-  
 1.014,\"987\":-1.004,\"988\":-0.991,\"989\":-0.997,\"990\":-1.004,\"991\":-  
 0.998,\"992\":-0.99,\"993\":-0.991,\"994\":-1.0,\"995\":-0.999,\"996\":-  
 0.991,\"997\":-0.991,\"998\":-0.994,\"999\":-0.993,\"1000\":-0.995,\"1001\":-  
 1.0,\"1002\":-0.998,\"1003\":-0.987,\"1004\":-0.987,\"1005\":-1.001,\"1006\":-  
 1.001,\"1007\":-0.992,\"1008\":-0.987,\"1009\":-0.983,\"1010\":-0.967,\"1011\":-  
 1.003,\"1012\":-1.009,\"1013\":-0.974,\"1014\":-0.977,\"1015\":-1.01,\"1016\":-  
 0.996,\"1017\":-0.971,\"1018\":-0.984,\"1019\":-1.014,\"1020\":-  
 0.993},\"y\":{\"0\":0.035,\"1\":0.186,\"2\":-  
 0.267,\"3\":0.109,\"4\":0.076,\"5\":-0.1,\"6\":-0.059,\"7\":-0.058,\"8\":-  
 0.053,\"9\":0.125,\"10\":-0.368,\"11\":-0.09,\"12\":-  
 0.16,\"13\":0.204,\"14\":0.02,\"15\":-0.094,\"16\":-  
 0.237,\"17\":0.298,\"18\":0.147,\"19\":0.077,\"20\":0.067,\"21\":0.271,\"22\":0.  
 178,\"23\":0.026,\"24\":-0.062,\"25\":0.037,\"26\":0.096,\"27\":0.063,\"28\":-  
 0.159,\"29\":-0.244,\"30\":-0.042,\"31\":-  
 0.069,\"32\":0.019,\"33\":0.014,\"34\":-0.013,\"35\":-0.05,\"36\":0.158,\"37\":-  
 0.06,\"38\":0.0,\"39\":0.199,\"40\":0.271,\"41\":0.183,\"42\":0.242,\"43\":0.075  
 ,\"44\":0.085,\"45\":0.105,\"46\":0.093,\"47\":0.182,\"48\":0.08,\"49\":-  
 0.255,\"50\":-0.19,\"51\":-0.05,\"52\":-0.085,\"53\":-0.175,\"54\":-  
 0.112,\"55\":-0.188,\"56\":-0.02,\"57\":-0.066,\"58\":-0.068,\"59\":-  
 0.168,\"60\":-  
 0.07,\"61\":0.056,\"62\":0.265,\"63\":0.075,\"64\":0.122,\"65\":0.107,\"66\":0.0  
 77,\"67\":0.029,\"68\":0.117,\"69\":0.072,\"70\":0.043,\"71\":0.09,\"72\":-  
 0.008,\"73\":-0.016,\"74\":-0.031,\"75\":-  
 0.008,\"76\":0.041,\"77\":0.034,\"78\":0.008,\"79\":-0.056,\"80\":-  
 0.001,\"81\":0.047,\"82\":-0.022,\"83\":0.037,\"84\":-0.146,\"85\":-  
 0.063,\"86\":0.057,\"87\":-0.135,\"88\":-0.097,\"89\":-0.171,\"90\":-



0.115,\"91\":-0.001,\"92\":0.046,\"93\":-  
 0.051,\"94\":0.003,\"95\":0.031,\"96\":-0.011,\"97\":-  
 0.009,\"98\":0.041,\"99\":-0.006,\"100\":0.064,\"101\":0.069,\"102\":-  
 0.008,\"103\":0.02,\"104\":0.001,\"105\":-  
 0.091,\"106\":0.122,\"107\":0.064,\"108\":-  
 0.197,\"109\":0.158,\"110\":0.063,\"111\":-0.039,\"112\":-  
 0.077,\"113\":0.035,\"114\":-0.008,\"115\":-0.008,\"116\":0.0,\"117\":-  
 0.043,\"118\":-0.012,\"119\":-  
 0.055,\"120\":0.032,\"121\":0.038,\"122\":0.02,\"123\":0.042,\"124\":-  
 0.008,\"125\":0.056,\"126\":0.0,\"127\":-0.004,\"128\":0.007,\"129\":-  
 0.022,\"130\":-0.038,\"131\":0.024,\"132\":0.044,\"133\":-  
 0.014,\"134\":0.044,\"135\":-0.026,\"136\":-  
 0.017,\"137\":0.002,\"138\":0.04,\"139\":0.059,\"140\":0.081,\"141\":0.028,\"142  
 \": -0.094,\"143\":0.072,\"144\":0.118,\"145\":-0.027,\"146\":-0.039,\"147\":-  
 0.013,\"148\":-0.011,\"149\":0.0,\"150\":-0.019,\"151\":-  
 0.022,\"152\":0.011,\"153\":-0.058,\"154\":-0.045,\"155\":-  
 0.009,\"156\":0.014,\"157\":0.012,\"158\":-0.085,\"159\":-  
 0.003,\"160\":0.008,\"161\":-0.01,\"162\":-0.005,\"163\":-0.027,\"164\":-  
 0.041,\"165\":-0.007,\"166\":-0.039,\"167\":0.007,\"168\":0.02,\"169\":-  
 0.018,\"170\":-0.036,\"171\":-0.025,\"172\":0.008,\"173\":-  
 0.045,\"174\":0.02,\"175\":-0.033,\"176\":0.029,\"177\":-  
 0.031,\"178\":0.037,\"179\":0.004,\"180\":0.007,\"181\":-  
 0.021,\"182\":0.011,\"183\":0.008,\"184\":-  
 0.037,\"185\":0.071,\"186\":0.027,\"187\":-0.049,\"188\":0.045,\"189\":-  
 0.011,\"190\":-0.027,\"191\":0.028,\"192\":-0.032,\"193\":-0.011,\"194\":-  
 0.021,\"195\":-0.045,\"196\":-0.032,\"197\":-0.052,\"198\":-0.053,\"199\":-  
 0.07,\"200\":0.005,\"201\":0.001,\"202\":-0.038,\"203\":0.026,\"204\":-  
 0.037,\"205\":-0.128,\"206\":-0.009,\"207\":-0.019,\"208\":-0.026,\"209\":-  
 0.014,\"210\":0.02,\"211\":-0.008,\"212\":-  
 0.028,\"213\":0.0,\"214\":0.004,\"215\":-0.089,\"216\":-0.007,\"217\":-  
 0.031,\"218\":0.018,\"219\":-0.001,\"220\":-0.034,\"221\":0.058,\"222\":-  
 0.122,\"223\":0.039,\"224\":0.02,\"225\":-0.044,\"226\":0.039,\"227\":-  
 0.036,\"228\":0.046,\"229\":-0.016,\"230\":0.079,\"231\":-0.021,\"232\":-  
 0.029,\"233\":0.041,\"234\":0.0,\"235\":0.047,\"236\":0.015,\"237\":0.007,\"238\  
 \": -0.035,\"239\":0.009,\"240\":-0.01,\"241\":-0.077,\"242\":-  
 0.012,\"243\":0.029,\"244\":-0.025,\"245\":0.124,\"246\":-  
 0.053,\"247\":0.017,\"248\":0.048,\"249\":0.005,\"250\":0.011,\"251\":0.049,\"25  
 2\":0.046,\"253\":-0.027,\"254\":0.049,\"255\":-0.132,\"256\":0.083,\"257\":-  
 0.089,\"258\":0.024,\"259\":-0.075,\"260\":0.0,\"261\":-  
 0.053,\"262\":0.002,\"263\":-0.025,\"264\":-0.05,\"265\":-0.049,\"266\":-  
 0.002,\"267\":-0.056,\"268\":-0.052,\"269\":-0.04,\"270\":-0.001,\"271\":-  
 0.076,\"272\":-0.027,\"273\":-0.079,\"274\":-0.061,\"275\":0.0,\"276\":-  
 0.029,\"277\":-0.128,\"278\":-0.049,\"279\":0.024,\"280\":0.009,\"281\":-  
 0.102,\"282\":0.013,\"283\":-0.077,\"284\":0.047,\"285\":-  
 0.084,\"286\":0.0,\"287\":-0.032,\"288\":0.073,\"289\":-0.119,\"290\":-  
 0.087,\"291\":-0.093,\"292\":-0.092,\"293\":-0.066,\"294\":-0.137,\"295\":-  
 0.089,\"296\":-0.131,\"297\":-0.098,\"298\":-0.101,\"299\":-0.11,\"300\":-  
 0.087,\"301\":-0.109,\"302\":-0.113,\"303\":0.009,\"304\":-0.108,\"305\":-

0.065,\"306\":-0.115,\"307\":0.006,\"308\":-0.116,\"309\":-0.025,\"310\":-  
0.104,\"311\":-0.111,\"312\":-0.049,\"313\":-0.042,\"314\":-0.076,\"315\":-  
0.101,\"316\":-0.116,\"317\":-0.069,\"318\":-0.081,\"319\":-0.082,\"320\":-  
0.063,\"321\":-0.102,\"322\":-0.06,\"323\":-0.095,\"324\":-0.045,\"325\":-  
0.094,\"326\":-0.128,\"327\":-0.038,\"328\":-0.089,\"329\":-0.084,\"330\":-  
0.025,\"331\":-0.1,\"332\":-0.074,\"333\":-0.1,\"334\":-0.103,\"335\":-  
0.084,\"336\":-0.073,\"337\":-0.059,\"338\":-0.133,\"339\":-0.091,\"340\":-  
0.052,\"341\":-0.092,\"342\":-0.053,\"343\":-0.063,\"344\":-0.063,\"345\":-  
0.073,\"346\":-0.086,\"347\":-0.076,\"348\":-0.089,\"349\":-0.061,\"350\":-  
0.086,\"351\":-0.093,\"352\":-0.097,\"353\":-0.06,\"354\":-0.056,\"355\":-  
0.108,\"356\":-0.111,\"357\":-0.065,\"358\":-0.072,\"359\":-0.111,\"360\":-  
0.088,\"361\":0.009,\"362\":0.012,\"363\":0.01,\"364\":0.014,\"365\":0.016,\"366  
\":0.018,\"367\":0.023,\"368\":0.021,\"369\":0.021,\"370\":0.025,\"371\":0.02,\"  
372\":0.02,\"373\":0.022,\"374\":0.02,\"375\":0.02,\"376\":0.016,\"377\":0.012,\"  
378\":0.021,\"379\":0.013,\"380\":0.017,\"381\":0.026,\"382\":0.018,\"383\":0.0  
22,\"384\":0.031,\"385\":0.024,\"386\":0.027,\"387\":0.029,\"388\":0.023,\"389\"  
:0.029,\"390\":0.024,\"391\":0.025,\"392\":0.019,\"393\":0.013,\"394\":0.014,\"3  
95\":0.01,\"396\":0.005,\"397\":0.003,\"398\":0.004,\"399\":0.006,\"400\":0.006,  
\"401\":0.009,\"402\":0.021,\"403\":0.022,\"404\":0.026,\"405\":0.035,\"406\":0.  
029,\"407\":0.038,\"408\":0.044,\"409\":0.035,\"410\":0.034,\"411\":0.031,\"412\"  
\":0.021,\"413\":0.023,\"414\":0.014,\"415\":0.002,\"416\":-0.013,\"417\":-  
0.013,\"418\":-0.025,\"419\":-0.026,\"420\":-0.018,\"421\":-0.032,\"422\":-  
0.015,\"423\":-  
0.006,\"424\":0.004,\"425\":0.029,\"426\":0.054,\"427\":0.053,\"428\":0.08,\"429  
\":0.108,\"430\":0.124,\"431\":0.142,\"432\":0.142,\"433\":0.116,\"434\":0.002,\"  
435\":-0.005,\"436\":0.13,\"437\":0.065,\"438\":0.206,\"439\":0.256,\"440\":-  
0.089,\"441\":0.075,\"442\":0.119,\"443\":0.017,\"444\":0.044,\"445\":0.129,\"44  
6\":0.106,\"447\":0.129,\"448\":0.086,\"449\":0.086,\"450\":0.101,\"451\":0.082,  
\"452\":-0.04,\"453\":-  
0.213,\"454\":0.127,\"455\":0.199,\"456\":0.183,\"457\":0.131,\"458\":0.017,\"45  
9\":0.11,\"460\":0.16,\"461\":0.056,\"462\":0.115,\"463\":0.165,\"464\":-  
0.116,\"465\":-  
0.203,\"466\":0.087,\"467\":0.322,\"468\":0.218,\"469\":0.103,\"470\":0.192,\"47  
1\":0.154,\"472\":0.129,\"473\":0.111,\"474\":0.166,\"475\":0.107,\"476\":0.163,  
\"477\":0.091,\"478\":0.111,\"479\":0.149,\"480\":0.24,\"481\":0.167,\"482\":0.1  
27,\"483\":0.186,\"484\":0.154,\"485\":0.177,\"486\":0.185,\"487\":0.139,\"488\"  
:0.106,\"489\":0.013,\"490\":0.106,\"491\":0.095,\"492\":0.161,\"493\":0.153,\"4  
94\":0.087,\"495\":0.13,\"496\":0.12,\"497\":0.11,\"498\":0.195,\"499\":0.162,\"  
500\":0.222,\"501\":0.159,\"502\":0.091,\"503\":0.139,\"504\":0.111,\"505\":0.01  
8,\"506\":0.009,\"507\":0.014,\"508\":0.025,\"509\":0.008,\"510\":-  
0.032,\"511\":-0.061,\"512\":-0.069,\"513\":-0.048,\"514\":-0.047,\"515\":-  
0.042,\"516\":-0.066,\"517\":-0.052,\"518\":-0.052,\"519\":-0.025,\"520\":-  
0.067,\"521\":-0.082,\"522\":-0.036,\"523\":-0.021,\"524\":-0.003,\"525\":-  
0.039,\"526\":-0.049,\"527\":-0.032,\"528\":-  
0.032,\"529\":0.039,\"530\":0.009,\"531\":-0.032,\"532\":-0.012,\"533\":-  
0.065,\"534\":-0.031,\"535\":-0.05,\"536\":-0.029,\"537\":-0.041,\"538\":-  
0.044,\"539\":-0.069,\"540\":-0.083,\"541\":-0.074,\"542\":-0.049,\"543\":-  
0.056,\"544\":-0.023,\"545\":-0.069,\"546\":-0.067,\"547\":-0.054,\"548\":-

0.096,\"549\":-0.093,\"550\":-  
 0.04,\"551\":0.001,\"552\":0.008,\"553\":0.015,\"554\":-0.018,\"555\":-  
 0.03,\"556\":-  
 0.002,\"557\":0.019,\"558\":0.012,\"559\":0.0,\"560\":0.01,\"561\":-  
 0.016,\"562\":-0.058,\"563\":-0.02,\"564\":-0.045,\"565\":-0.138,\"566\":-  
 0.061,\"567\":-0.045,\"568\":-0.031,\"569\":-0.017,\"570\":-0.028,\"571\":-  
 0.04,\"572\":-0.091,\"573\":-0.041,\"574\":0.0,\"575\":0.04,\"576\":-  
 0.012,\"577\":-  
 0.032,\"578\":0.022,\"579\":0.036,\"580\":0.008,\"581\":0.003,\"582\":-  
 0.003,\"583\":-0.025,\"584\":-0.041,\"585\":-  
 0.012,\"586\":0.058,\"587\":0.081,\"588\":0.083,\"589\":0.086,\"590\":0.026,\"59  
 1\":-0.018,\"592\":-0.016,\"593\":0.013,\"594\":0.018,\"595\":-0.017,\"596\":-  
 0.021,\"597\":-  
 0.015,\"598\":0.018,\"599\":0.035,\"600\":0.019,\"601\":0.006,\"602\":-  
 0.002,\"603\":-0.001,\"604\":-0.005,\"605\":-  
 0.004,\"606\":0.015,\"607\":0.021,\"608\":-0.005,\"609\":-0.015,\"610\":-  
 0.017,\"611\":-  
 0.009,\"612\":0.014,\"613\":0.035,\"614\":0.047,\"615\":0.031,\"616\":0.022,\"61  
 7\":0.046,\"618\":0.047,\"619\":-0.001,\"620\":-0.013,\"621\":-  
 0.02,\"622\":0.006,\"623\":0.003,\"624\":0.043,\"625\":0.004,\"626\":-  
 0.015,\"627\":0.0,\"628\":0.007,\"629\":0.018,\"630\":0.007,\"631\":0.009,\"632\  
 \":0.048,\"633\":0.057,\"634\":0.07,\"635\":0.064,\"636\":0.05,\"637\":0.037,\"63  
 8\":0.017,\"639\":0.016,\"640\":0.013,\"641\":0.017,\"642\":0.046,\"643\":0.031,  
 \"644\":0.011,\"645\":0.035,\"646\":-0.013,\"647\":-0.028,\"648\":-  
 0.021,\"649\":0.001,\"650\":0.029,\"651\":0.009,\"652\":0.012,\"653\":0.008,\"65  
 4\":-  
 0.015,\"655\":0.066,\"656\":0.079,\"657\":0.037,\"658\":0.045,\"659\":0.016,\"66  
 0\":0.021,\"661\":0.031,\"662\":0.038,\"663\":0.037,\"664\":0.074,\"665\":0.07,\"  
 \"666\":0.039,\"667\":0.028,\"668\":0.051,\"669\":0.036,\"670\":0.008,\"671\":0.0  
 05,\"672\":0.009,\"673\":0.07,\"674\":0.076,\"675\":0.071,\"676\":0.091,\"677\  
 \":0.034,\"678\":0.033,\"679\":0.02,\"680\":-  
 0.036,\"681\":0.05,\"682\":0.068,\"683\":0.065,\"684\":0.078,\"685\":0.027,\"686  
 \":0.044,\"687\":0.095,\"688\":0.012,\"689\":0.007,\"690\":0.013,\"691\":-  
 0.002,\"692\":0.025,\"693\":0.064,\"694\":0.069,\"695\":0.093,\"696\":0.081,\"69  
 7\":0.038,\"698\":-  
 0.017,\"699\":0.004,\"700\":0.053,\"701\":0.067,\"702\":0.039,\"703\":0.07,\"704  
 \":0.068,\"705\":0.07,\"706\":0.058,\"707\":0.011,\"708\":0.0,\"709\":0.042,\"71  
 0\":0.044,\"711\":0.062,\"712\":0.091,\"713\":0.03,\"714\":0.045,\"715\":0.098,\"  
 \"716\":0.052,\"717\":0.054,\"718\":0.052,\"719\":0.001,\"720\":0.021,\"721\":0.0  
 4,\"722\":0.018,\"723\":0.02,\"724\":0.018,\"725\":0.014,\"726\":0.019,\"727\":0  
 .009,\"728\":0.012,\"729\":0.01,\"730\":0.008,\"731\":0.014,\"732\":0.007,\"733\  
 \":0.015,\"734\":0.011,\"735\":0.012,\"736\":0.02,\"737\":0.011,\"738\":0.019,\"7  
 39\":0.014,\"740\":0.012,\"741\":0.019,\"742\":0.009,\"743\":0.022,\"744\":0.012  
 ,\"745\":0.014,\"746\":0.016,\"747\":0.01,\"748\":0.011,\"749\":0.012,\"750\":0.  
 012,\"751\":0.013,\"752\":0.017,\"753\":0.013,\"754\":0.014,\"755\":0.016,\"756\  
 \":0.014,\"757\":0.019,\"758\":0.011,\"759\":0.018,\"760\":0.022,\"761\":0.009,\"  
 \"762\":0.027,\"763\":0.013,\"764\":0.016,\"765\":0.023,\"766\":0.008,\"767\":0.02  
 5,\"768\":0.004,\"769\":0.017,\"770\":0.021,\"771\":-

0.001,\"772\":0.029,\"773\":0.004,\"774\":0.009,\"775\":0.024,\"776\":0.0,\"777\":0.024,\"778\":0.005,\"779\":0.014,\"780\":0.021,\"781\":0.0,\"782\":0.033,\"783\":0.007,\"784\":0.013,\"785\":0.03,\"786\":-  
0.002,\"787\":0.026,\"788\":0.009,\"789\":0.015,\"790\":0.025,\"791\":-  
0.004,\"792\":0.03,\"793\":0.031,\"794\":0.049,\"795\":0.033,\"796\":0.05,\"797\":0.034,\"798\":0.044,\"799\":0.034,\"800\":0.041,\"801\":0.034,\"802\":0.038,\"803\":0.039,\"804\":0.038,\"805\":0.04,\"806\":0.04,\"807\":0.039,\"808\":0.033,\"809\":0.043,\"810\":0.034,\"811\":0.04,\"812\":0.033,\"813\":0.041,\"814\":0.033,\"815\":0.043,\"816\":0.034,\"817\":0.044,\"818\":0.038,\"819\":0.05,\"820\":0.035,\"821\":0.05,\"822\":0.033,\"823\":0.041,\"824\":0.036,\"825\":0.045,\"826\":0.036,\"827\":0.043,\"828\":0.034,\"829\":0.043,\"830\":0.032,\"831\":0.042,\"832\":0.035,\"833\":0.043,\"834\":0.035,\"835\":0.044,\"836\":0.034,\"837\":0.041,\"838\":0.035,\"839\":0.043,\"840\":0.037,\"841\":0.044,\"842\":0.038,\"843\":0.048,\"844\":0.041,\"845\":0.04,\"846\":0.041,\"847\":0.037,\"848\":0.035,\"849\":0.038,\"850\":0.039,\"851\":0.034,\"852\":0.039,\"853\":0.031,\"854\":0.04,\"855\":0.032,\"856\":0.034,\"857\":0.037,\"858\":0.035,\"859\":0.034,\"860\":0.037,\"861\":0.042,\"862\":0.039,\"863\":0.052,\"864\":0.04,\"865\":0.03,\"866\":-0.005,\"867\":0.021,\"868\":0.016,\"869\":0.0,\"870\":0.023,\"871\":0.005,\"872\":0.01,\"873\":0.017,\"874\":-  
0.001,\"875\":0.021,\"876\":0.009,\"877\":0.0,\"878\":0.023,\"879\":0.001,\"880\":0.009,\"881\":0.02,\"882\":-  
0.006,\"883\":0.024,\"884\":0.007,\"885\":0.003,\"886\":0.025,\"887\":-  
0.006,\"888\":0.023,\"889\":0.009,\"890\":-0.002,\"891\":0.035,\"892\":-  
0.007,\"893\":0.016,\"894\":0.022,\"895\":-  
0.006,\"896\":0.03,\"897\":0.003,\"898\":0.011,\"899\":0.019,\"900\":-  
0.004,\"901\":0.027,\"902\":0.004,\"903\":0.002,\"904\":0.027,\"905\":-  
0.007,\"906\":0.019,\"907\":0.013,\"908\":0.002,\"909\":0.022,\"910\":0.003,\"911\":0.013,\"912\":0.017,\"913\":-  
0.001,\"914\":0.02,\"915\":0.009,\"916\":0.006,\"917\":0.022,\"918\":0.005,\"919\":0.015,\"920\":0.013,\"921\":0.003,\"922\":0.023,\"923\":0.002,\"924\":0.01,\"925\":0.019,\"926\":-  
0.003,\"927\":0.023,\"928\":0.007,\"929\":0.007,\"930\":0.024,\"931\":-  
0.006,\"932\":0.021,\"933\":0.011,\"934\":-0.002,\"935\":0.029,\"936\":-  
0.005,\"937\":-0.018,\"938\":-0.018,\"939\":-0.02,\"940\":-0.021,\"941\":-0.016,\"942\":-0.011,\"943\":-0.022,\"944\":-0.017,\"945\":-0.015,\"946\":-0.017,\"947\":-0.015,\"948\":-0.016,\"949\":-0.014,\"950\":-0.016,\"951\":-0.016,\"952\":-0.016,\"953\":-0.012,\"954\":-0.015,\"955\":-0.014,\"956\":-0.016,\"957\":-0.017,\"958\":-0.019,\"959\":-0.019,\"960\":-0.018,\"961\":-0.015,\"962\":-0.012,\"963\":-0.014,\"964\":-0.018,\"965\":-0.017,\"966\":-0.015,\"967\":-0.016,\"968\":-0.013,\"969\":-0.012,\"970\":-0.016,\"971\":-0.018,\"972\":-0.02,\"973\":-0.017,\"974\":-0.015,\"975\":-0.013,\"976\":-0.016,\"977\":-0.012,\"978\":-0.016,\"979\":-0.013,\"980\":-0.016,\"981\":-0.016,\"982\":-0.02,\"983\":-0.021,\"984\":-0.017,\"985\":-0.017,\"986\":-0.013,\"987\":-0.012,\"988\":-0.018,\"989\":-0.022,\"990\":-0.011,\"991\":-0.016,\"992\":-0.013,\"993\":-0.019,\"994\":-0.016,\"995\":-0.015,\"996\":-0.017,\"997\":-0.018,\"998\":-0.015,\"999\":-0.014,\"1000\":-0.014,\"1001\":-0.018,\"1002\":-0.016,\"1003\":-0.016,\"1004\":-0.015,\"1005\":-0.016,\"1006\":-0.015,\"1007\":-0.015,\"1008\":-

0.012,\"1009\":0.032,\"1010\":0.029,\"1011\":0.049,\"1012\":0.051,\"1013\":0.024  
,\"1014\":0.032,\"1015\":0.052,\"1016\":0.043,\"1017\":0.022,\"1018\":0.036,\"10  
19\":0.053,\"1020\":0.032},\"z\":{\"0\":0.201,\"1\":0.092,\"2\":0.312,\"3\":0.06  
2,\"4\":0.216,\"5\":0.079,\"6\":0.181,\"7\":0.142,\"8\":0.307,\"9\":-  
0.026,\"10\":0.188,\"11\":0.086,\"12\":0.111,\"13\":-  
0.004,\"14\":0.147,\"15\":0.148,\"16\":0.065,\"17\":0.088,\"18\":0.29,\"19\":0.2  
3,\"20\":0.198,\"21\":0.097,\"22\":0.267,\"23\":0.334,\"24\":0.188,\"25\":0.422,  
\"26\":0.221,\"27\":0.342,\"28\":0.047,\"29\":0.168,\"30\":0.131,\"31\":0.167,\"  
32\":0.297,\"33\":0.164,\"34\":0.17,\"35\":0.153,\"36\":0.112,\"37\":0.246,\"38\  
\":0.153,\"39\":0.239,\"40\":0.139,\"41\":0.366,\"42\":0.082,\"43\":0.24,\"44\":0  
.1,\"45\":0.31,\"46\":0.199,\"47\":0.306,\"48\":0.111,\"49\":0.276,\"50\":0.298,  
\"51\":0.303,\"52\":0.251,\"53\":0.272,\"54\":0.155,\"55\":0.293,\"56\":0.199,\"  
57\":0.295,\"58\":0.196,\"59\":0.316,\"60\":0.398,\"61\":0.13,\"62\":0.234,\"63\  
\":0.423,\"64\":0.222,\"65\":0.201,\"66\":0.26,\"67\":0.236,\"68\":0.204,\"69\":0  
.271,\"70\":0.28,\"71\":0.311,\"72\":0.237,\"73\":0.238,\"74\":0.234,\"75\":0.31  
1,\"76\":0.208,\"77\":0.262,\"78\":0.21,\"79\":0.261,\"80\":0.215,\"81\":0.213,\"  
82\":0.286,\"83\":0.192,\"84\":0.277,\"85\":0.177,\"86\":0.279,\"87\":0.222,\"8  
8\":0.152,\"89\":0.214,\"90\":0.163,\"91\":0.27,\"92\":0.19,\"93\":0.236,\"94\":  
0.206,\"95\":0.247,\"96\":0.226,\"97\":0.328,\"98\":0.209,\"99\":0.275,\"100\":0  
.237,\"101\":0.241,\"102\":0.261,\"103\":0.302,\"104\":0.259,\"105\":0.26,\"106\  
\":0.359,\"107\":0.245,\"108\":0.332,\"109\":0.223,\"110\":0.33,\"111\":0.333,\"1  
12\":0.161,\"113\":0.164,\"114\":0.259,\"115\":0.221,\"116\":0.257,\"117\":0.282  
,\"118\":0.247,\"119\":0.229,\"120\":0.255,\"121\":0.207,\"122\":0.214,\"123\":0  
.252,\"124\":0.181,\"125\":0.273,\"126\":0.159,\"127\":0.28,\"128\":0.146,\"129\  
\":0.288,\"130\":0.195,\"131\":0.312,\"132\":0.184,\"133\":0.295,\"134\":0.203,\"  
135\":0.29,\"136\":0.226,\"137\":0.245,\"138\":0.231,\"139\":0.239,\"140\":0.248  
,\"141\":0.238,\"142\":0.243,\"143\":0.218,\"144\":0.273,\"145\":-  
0.116,\"146\":-0.062,\"147\":-0.03,\"148\":-0.099,\"149\":-0.09,\"150\":-  
0.045,\"151\":-0.088,\"152\":-0.031,\"153\":-0.106,\"154\":-0.076,\"155\":-  
0.027,\"156\":-0.069,\"157\":-0.026,\"158\":-0.044,\"159\":-0.057,\"160\":-  
0.059,\"161\":-0.061,\"162\":-0.036,\"163\":-0.056,\"164\":-0.078,\"165\":-  
0.051,\"166\":0.001,\"167\":-0.055,\"168\":-0.028,\"169\":-0.112,\"170\":-  
0.111,\"171\":-0.012,\"172\":-0.043,\"173\":-0.064,\"174\":-0.05,\"175\":-  
0.044,\"176\":-0.071,\"177\":-0.056,\"178\":-0.022,\"179\":-0.051,\"180\":-  
0.065,\"181\":-0.06,\"182\":-0.097,\"183\":-0.056,\"184\":-0.042,\"185\":-  
0.136,\"186\":-0.005,\"187\":-0.05,\"188\":-0.111,\"189\":-0.02,\"190\":-  
0.044,\"191\":-0.111,\"192\":-0.012,\"193\":-0.018,\"194\":-0.064,\"195\":-  
0.025,\"196\":-0.037,\"197\":-0.06,\"198\":-0.039,\"199\":-0.052,\"200\":-  
0.087,\"201\":-0.045,\"202\":-0.096,\"203\":-0.095,\"204\":-0.025,\"205\":-  
0.103,\"206\":-0.076,\"207\":-0.021,\"208\":-0.103,\"209\":-0.035,\"210\":-  
0.044,\"211\":-0.054,\"212\":-0.058,\"213\":-0.051,\"214\":-0.049,\"215\":-  
0.088,\"216\":0.001,\"217\":-0.123,\"218\":-0.167,\"219\":-0.109,\"220\":-  
0.184,\"221\":-0.218,\"222\":-0.126,\"223\":-0.279,\"224\":-0.179,\"225\":-  
0.221,\"226\":-0.185,\"227\":-0.123,\"228\":-0.374,\"229\":-0.061,\"230\":-  
0.361,\"231\":-0.191,\"232\":-0.269,\"233\":-0.295,\"234\":-0.225,\"235\":-  
0.21,\"236\":-0.244,\"237\":-0.17,\"238\":-0.328,\"239\":-0.296,\"240\":-  
0.236,\"241\":-0.183,\"242\":-0.371,\"243\":-0.133,\"244\":-0.283,\"245\":-  
0.218,\"246\":-0.15,\"247\":-0.236,\"248\":-0.173,\"249\":-0.374,\"250\":-

0.265,\"251\":-0.261,\"252\":-0.364,\"253\":-0.223,\"254\":-0.443,\"255\":-  
0.118,\"256\":-0.475,\"257\":-0.2,\"258\":-0.398,\"259\":-0.122,\"260\":-  
0.323,\"261\":-0.282,\"262\":-0.38,\"263\":-0.215,\"264\":-0.292,\"265\":-  
0.264,\"266\":-0.321,\"267\":-0.264,\"268\":-0.226,\"269\":-0.211,\"270\":-  
0.367,\"271\":-0.161,\"272\":-0.351,\"273\":-0.204,\"274\":-0.255,\"275\":-  
0.217,\"276\":-0.345,\"277\":-0.181,\"278\":-0.313,\"279\":-0.214,\"280\":-  
0.275,\"281\":-0.233,\"282\":-0.224,\"283\":-0.3,\"284\":-0.299,\"285\":-  
0.142,\"286\":-0.305,\"287\":-0.149,\"288\":-0.361,\"289\":-  
0.052,\"290\":0.0,\"291\":-0.155,\"292\":0.121,\"293\":-  
0.065,\"294\":0.038,\"295\":-0.135,\"296\":0.137,\"297\":-  
0.137,\"298\":0.024,\"299\":-  
0.019,\"300\":0.084,\"301\":0.002,\"302\":0.048,\"303\":-  
0.131,\"304\":0.069,\"305\":-0.1,\"306\":0.117,\"307\":-  
0.069,\"308\":0.005,\"309\":-0.015,\"310\":-  
0.051,\"311\":0.057,\"312\":0.041,\"313\":-  
0.055,\"314\":0.01,\"315\":0.014,\"316\":-0.038,\"317\":-0.033,\"318\":-  
0.018,\"319\":-0.043,\"320\":0.0,\"321\":-0.041,\"322\":-0.008,\"323\":-  
0.001,\"324\":-0.062,\"325\":-0.004,\"326\":-0.03,\"327\":-  
0.021,\"328\":0.063,\"329\":-0.071,\"330\":-  
0.006,\"331\":0.018,\"332\":0.002,\"333\":0.057,\"334\":-0.052,\"335\":-  
0.034,\"336\":0.028,\"337\":-0.049,\"338\":0.024,\"339\":-  
0.044,\"340\":0.013,\"341\":-0.073,\"342\":-0.009,\"343\":0.0,\"344\":-  
0.058,\"345\":0.0,\"346\":-0.026,\"347\":-0.051,\"348\":-0.017,\"349\":-  
0.036,\"350\":0.022,\"351\":-0.134,\"352\":-0.025,\"353\":-0.063,\"354\":-  
0.017,\"355\":-0.132,\"356\":0.018,\"357\":-0.098,\"358\":-0.037,\"359\":-  
0.053,\"360\":-0.082,\"361\":-0.035,\"362\":-0.031,\"363\":-0.059,\"364\":-  
0.078,\"365\":-0.094,\"366\":-0.12,\"367\":-0.16,\"368\":-0.173,\"369\":-  
0.164,\"370\":-0.173,\"371\":-0.182,\"372\":-0.18,\"373\":-0.181,\"374\":-  
0.18,\"375\":-0.184,\"376\":-0.184,\"377\":-0.187,\"378\":-0.185,\"379\":-  
0.175,\"380\":-0.184,\"381\":-0.187,\"382\":-0.187,\"383\":-0.176,\"384\":-  
0.18,\"385\":-0.186,\"386\":-0.186,\"387\":-0.192,\"388\":-0.184,\"389\":-  
0.187,\"390\":-0.192,\"391\":-0.215,\"392\":-0.212,\"393\":-0.216,\"394\":-  
0.22,\"395\":-0.226,\"396\":-0.244,\"397\":-0.217,\"398\":-0.238,\"399\":-  
0.224,\"400\":-0.235,\"401\":-0.224,\"402\":-0.241,\"403\":-0.221,\"404\":-  
0.218,\"405\":-0.225,\"406\":-0.232,\"407\":-0.232,\"408\":-0.239,\"409\":-  
0.214,\"410\":-0.222,\"411\":-0.229,\"412\":-0.23,\"413\":-0.209,\"414\":-  
0.21,\"415\":-0.215,\"416\":-0.224,\"417\":-0.213,\"418\":-0.217,\"419\":-  
0.211,\"420\":-0.201,\"421\":-0.221,\"422\":-0.22,\"423\":-0.228,\"424\":-  
0.231,\"425\":-0.235,\"426\":-0.269,\"427\":-0.289,\"428\":-0.298,\"429\":-  
0.275,\"430\":-0.305,\"431\":-0.317,\"432\":-0.331,\"433\":-0.038,\"434\":-  
0.024,\"435\":0.1,\"436\":-0.056,\"437\":-0.266,\"438\":-0.153,\"439\":-  
0.161,\"440\":0.043,\"441\":-0.023,\"442\":-0.109,\"443\":-  
0.078,\"444\":0.042,\"445\":0.008,\"446\":-  
0.083,\"447\":0.011,\"448\":0.08,\"449\":0.072,\"450\":-0.05,\"451\":-  
0.124,\"452\":-0.079,\"453\":0.048,\"454\":-0.025,\"455\":-0.021,\"456\":-  
0.076,\"457\":-0.083,\"458\":-0.085,\"459\":-0.135,\"460\":-  
0.112,\"461\":0.059,\"462\":-0.083,\"463\":-0.034,\"464\":-0.003,\"465\":-  
0.047,\"466\":0.111,\"467\":-0.107,\"468\":-

0.037, \"469\":0.068, \"470\":0.017, \"471\":-0.031, \"472\":-  
 0.004, \"473\":0.007, \"474\":-0.087, \"475\":-0.02, \"476\":-0.099, \"477\":-  
 0.096, \"478\":-0.017, \"479\":-0.074, \"480\":-0.169, \"481\":-0.067, \"482\":-  
 0.031, \"483\":-0.117, \"484\":-0.12, \"485\":-0.055, \"486\":-0.057, \"487\":-  
 0.005, \"488\":-0.066, \"489\":-0.005, \"490\":-0.026, \"491\":0.024, \"492\":-  
 0.021, \"493\":-0.036, \"494\":0.016, \"495\":-0.053, \"496\":-0.055, \"497\":-  
 0.028, \"498\":-0.075, \"499\":-0.034, \"500\":-0.112, \"501\":-0.073, \"502\":-  
 0.03, \"503\":-0.052, \"504\":-0.048, \"505\":-0.051, \"506\":-0.041, \"507\":-  
 0.032, \"508\":-0.028, \"509\":-0.025, \"510\":-0.06, \"511\":-0.065, \"512\":-  
 0.04, \"513\":-0.044, \"514\":-0.048, \"515\":-0.071, \"516\":-0.046, \"517\":-  
 0.017, \"518\":-0.133, \"519\":-0.003, \"520\":-0.048, \"521\":-0.055, \"522\":-  
 0.047, \"523\":-0.1, \"524\":0.045, \"525\":-0.035, \"526\":-0.053, \"527\":-  
 0.115, \"528\":0.019, \"529\":-0.083, \"530\":-0.094, \"531\":-0.038, \"532\":-  
 0.045, \"533\":-0.059, \"534\":-0.031, \"535\":-0.071, \"536\":-0.087, \"537\":-  
 0.038, \"538\":-0.005, \"539\":-0.069, \"540\":-0.069, \"541\":-0.05, \"542\":-  
 0.032, \"543\":-0.054, \"544\":-0.062, \"545\":-0.017, \"546\":-0.027, \"547\":-  
 0.073, \"548\":-0.027, \"549\":-0.047, \"550\":-0.042, \"551\":-0.071, \"552\":-  
 0.003, \"553\":-0.073, \"554\":-0.062, \"555\":-0.059, \"556\":-0.051, \"557\":-  
 0.009, \"558\":-0.138, \"559\":-0.024, \"560\":-0.068, \"561\":-0.006, \"562\":-  
 0.084, \"563\":-0.194, \"564\":0.001, \"565\":0.034, \"566\":-0.071, \"567\":-  
 0.163, \"568\":0.003, \"569\":0.034, \"570\":-0.118, \"571\":-0.019, \"572\":-  
 0.077, \"573\":-0.047, \"574\":-0.013, \"575\":-0.019, \"576\":-0.031, \"577\":-  
 0.213, \"578\":-0.19, \"579\":-0.203, \"580\":-0.192, \"581\":-0.178, \"582\":-  
 0.182, \"583\":-0.236, \"584\":-0.167, \"585\":-0.234, \"586\":-0.237, \"587\":-  
 0.247, \"588\":-0.277, \"589\":-0.233, \"590\":-0.254, \"591\":-0.215, \"592\":-  
 0.209, \"593\":-0.224, \"594\":-0.254, \"595\":-0.229, \"596\":-0.196, \"597\":-  
 0.205, \"598\":-0.236, \"599\":-0.236, \"600\":-0.233, \"601\":-0.216, \"602\":-  
 0.201, \"603\":-0.218, \"604\":-0.238, \"605\":-0.203, \"606\":-0.202, \"607\":-  
 0.213, \"608\":-0.17, \"609\":-0.206, \"610\":-0.213, \"611\":-0.209, \"612\":-  
 0.206, \"613\":-0.203, \"614\":-0.225, \"615\":-0.203, \"616\":-0.201, \"617\":-  
 0.2, \"618\":-0.19, \"619\":-0.202, \"620\":-0.162, \"621\":-0.178, \"622\":-  
 0.211, \"623\":-0.175, \"624\":-0.19, \"625\":-0.208, \"626\":-0.172, \"627\":-  
 0.186, \"628\":-0.199, \"629\":-0.167, \"630\":-0.152, \"631\":-0.162, \"632\":-  
 0.159, \"633\":-0.197, \"634\":-0.19, \"635\":-0.16, \"636\":-0.18, \"637\":-  
 0.155, \"638\":-0.122, \"639\":-0.157, \"640\":-0.129, \"641\":-0.156, \"642\":-  
 0.155, \"643\":-0.117, \"644\":-0.159, \"645\":-0.179, \"646\":-0.147, \"647\":-  
 0.157, \"648\":-  
 0.161, \"649\":0.06, \"650\":0.01, \"651\":0.053, \"652\":0.072, \"653\":0.066, \"654\":  
 0.105, \"655\":0.052, \"656\":0.087, \"657\":0.085, \"658\":0.05, \"659\":0.13, \"66  
 0\":0.045, \"661\":0.051, \"662\":0.087, \"663\":0.021, \"664\":0.171, \"665\":0.148,  
 \"666\":0.161, \"667\":0.13, \"668\":0.069, \"669\":0.106, \"670\":0.095, \"671\":0.1  
 24, \"672\":0.112, \"673\":0.098, \"674\":0.108, \"675\":0.107, \"676\":0.049, \"677\":  
 0.152, \"678\":0.016, \"679\":0.02, \"680\":0.11, \"681\":-  
 0.018, \"682\":0.089, \"683\":0.055, \"684\":0.024, \"685\":0.08, \"686\":0.057, \"687  
 \":0.051, \"688\":0.131, \"689\":0.042, \"690\":0.045, \"691\":0.116, \"692\":0.081, \\  
 \"693\":0.136, \"694\":0.135, \"695\":0.04, \"696\":0.11, \"697\":0.055, \"698\":0.04,  
 \"699\":0.048, \"700\":0.052, \"701\":0.107, \"702\":0.112, \"703\":0.059, \"704\":0.  
 11, \"705\":0.043, \"706\":0.034, \"707\":0.043, \"708\":0.001, \"709\":0.022, \"710\"

:0.073,\"711\":0.08,\"712\":0.052,\"713\":0.099,\"714\":0.087,\"715\":0.025,\"716\":0.128,\"717\":0.018,\"718\":0.073,\"719\":0.114,\"720\":0.081,\"721\":0.11,\"722\":0.025,\"723\":0.012,\"724\":0.013,\"725\":0.03,\"726\":0.011,\"727\":0.033,\"728\":0.025,\"729\":0.02,\"730\":0.034,\"731\":0.016,\"732\":0.033,\"733\":0.011,\"734\":0.024,\"735\":0.037,\"736\":0.013,\"737\":0.033,\"738\":0.024,\"739\":0.021,\"740\":0.03,\"741\":0.011,\"742\":0.029,\"743\":0.01,\"744\":0.018,\"745\":0.031,\"746\":0.014,\"747\":0.031,\"748\":0.026,\"749\":0.021,\"750\":0.036,\"751\":0.012,\"752\":0.028,\"753\":0.017,\"754\":0.021,\"755\":0.034,\"756\":0.012,\"757\":0.031,\"758\":0.028,\"759\":0.017,\"760\":0.031,\"761\":0.015,\"762\":0.023,\"763\":0.023,\"764\":0.016,\"765\":0.037,\"766\":0.019,\"767\":0.028,\"768\":0.033,\"769\":0.009,\"770\":0.032,\"771\":0.017,\"772\":0.015,\"773\":0.025,\"774\":0.016,\"775\":0.03,\"776\":0.028,\"777\":0.024,\"778\":0.033,\"779\":0.006,\"780\":0.031,\"781\":0.023,\"782\":0.011,\"783\":0.029,\"784\":0.018,\"785\":0.028,\"786\":0.026,\"787\":0.016,\"788\":0.034,\"789\":0.014,\"790\":0.026,\"791\":0.024,\"792\":0.01,\"793\":-0.03,\"794\":-0.042,\"795\":-0.029,\"796\":-0.022,\"797\":-0.038,\"798\":-0.03,\"799\":-0.035,\"800\":-0.022,\"801\":-0.049,\"802\":-0.028,\"803\":-0.045,\"804\":-0.027,\"805\":-0.042,\"806\":-0.037,\"807\":-0.046,\"808\":-0.038,\"809\":-0.052,\"810\":-0.038,\"811\":-0.042,\"812\":-0.04,\"813\":-0.041,\"814\":-0.033,\"815\":-0.041,\"816\":-0.038,\"817\":-0.04,\"818\":-0.035,\"819\":-0.043,\"820\":-0.034,\"821\":-0.042,\"822\":-0.042,\"823\":-0.042,\"824\":-0.043,\"825\":-0.04,\"826\":-0.048,\"827\":-0.036,\"828\":-0.044,\"829\":-0.041,\"830\":-0.046,\"831\":-0.043,\"832\":-0.047,\"833\":-0.041,\"834\":-0.046,\"835\":-0.037,\"836\":-0.046,\"837\":-0.037,\"838\":-0.047,\"839\":-0.035,\"840\":-0.038,\"841\":-0.041,\"842\":-0.044,\"843\":-0.034,\"844\":-0.037,\"845\":-0.043,\"846\":-0.051,\"847\":-0.042,\"848\":-0.05,\"849\":-0.046,\"850\":-0.047,\"851\":-0.05,\"852\":-0.063,\"853\":-0.057,\"854\":-0.058,\"855\":-0.079,\"856\":-0.089,\"857\":-0.086,\"858\":-0.081,\"859\":-0.088,\"860\":-0.079,\"861\":-0.089,\"862\":-0.076,\"863\":-0.091,\"864\":-0.073,\"865\":-0.022,\"866\":-0.001,\"867\":-0.023,\"868\":-0.016,\"869\":-0.01,\"870\":-0.027,\"871\":-0.007,\"872\":-0.019,\"873\":-0.017,\"874\":-0.01,\"875\":-0.028,\"876\":-0.013,\"877\":-0.014,\"878\":-0.03,\"879\":-0.008,\"880\":-0.02,\"881\":-0.022,\"882\":-0.009,\"883\":-0.026,\"884\":-0.007,\"885\":-0.016,\"886\":-0.022,\"887\":-0.001,\"888\":-0.028,\"889\":-0.013,\"890\":-0.009,\"891\":-0.031,\"892\":0.0,\"893\":-0.021,\"894\":-0.018,\"895\":-0.007,\"896\":-0.03,\"897\":-0.002,\"898\":-0.02,\"899\":-0.021,\"900\":0.0,\"901\":-0.031,\"902\":-0.006,\"903\":-0.014,\"904\":-0.029,\"905\":0.0,\"906\":-0.024,\"907\":-0.014,\"908\":-0.013,\"909\":-0.026,\"910\":-0.003,\"911\":-0.021,\"912\":-0.017,\"913\":-0.008,\"914\":-0.027,\"915\":-0.01,\"916\":-0.013,\"917\":-0.022,\"918\":-0.005,\"919\":-0.021,\"920\":-0.013,\"921\":-0.015,\"922\":-0.027,\"923\":0.001,\"924\":-0.02,\"925\":-0.018,\"926\":-0.006,\"927\":-0.027,\"928\":-0.005,\"929\":-0.016,\"930\":-0.022,\"931\":-0.006,\"932\":-0.03,\"933\":-0.013,\"934\":-0.014,\"935\":-0.024,\"936\":-0.002,\"937\":-0.048,\"938\":-0.047,\"939\":-0.053,\"940\":-0.055,\"941\":-0.042,\"942\":-0.043,\"943\":-0.062,\"944\":-0.051,\"945\":-0.046,\"946\":-0.049,\"947\":-0.05,\"948\":-0.055,\"949\":-0.05,\"950\":-0.048,\"951\":-0.047,\"952\":-0.051,\"953\":-0.051,\"954\":-0.05,\"955\":-0.051,\"956\":-0.05,\"957\":-0.048,\"958\":-0.046,\"959\":-0.046,\"960\":-0.049,\"961\":-



0.048,\"962\":-0.052,\"963\":-0.052,\"964\":-0.05,\"965\":-0.046,\"966\":-  
 0.048,\"967\":-0.049,\"968\":-0.049,\"969\":-0.051,\"970\":-0.049,\"971\":-  
 0.046,\"972\":-0.048,\"973\":-0.046,\"974\":-0.052,\"975\":-0.048,\"976\":-  
 0.053,\"977\":-0.048,\"978\":-0.051,\"979\":-0.047,\"980\":-0.05,\"981\":-  
 0.047,\"982\":-0.053,\"983\":-0.046,\"984\":-0.048,\"985\":-0.051,\"986\":-  
 0.048,\"987\":-0.049,\"988\":-0.059,\"989\":-0.053,\"990\":-0.034,\"991\":-  
 0.057,\"992\":-0.047,\"993\":-0.048,\"994\":-0.049,\"995\":-0.053,\"996\":-  
 0.051,\"997\":-0.052,\"998\":-0.047,\"999\":-0.054,\"1000\":-0.049,\"1001\":-  
 0.047,\"1002\":-0.049,\"1003\":-0.05,\"1004\":-0.052,\"1005\":-0.049,\"1006\":-  
 0.047,\"1007\":-0.05,\"1008\":-  
 0.052,\"1009\":0.045,\"1010\":0.04,\"1011\":0.028,\"1012\":0.033,\"1013\":0.046,  
 \"1014\":0.041,\"1015\":0.027,\"1016\":0.038,\"1017\":0.045,\"1018\":0.034,\"101  
 9\":0.025,\"1020\":0.043},\"timelapse\":{\"0\":false,\"1\":false,\"2\":false,\"3  
 \":false,\"4\":false,\"5\":false,\"6\":false,\"7\":false,\"8\":false,\"9\":false  
 ,\"10\":false,\"11\":false,\"12\":false,\"13\":false,\"14\":false,\"15\":false,\"  
 \"16\":false,\"17\":false,\"18\":false,\"19\":false,\"20\":false,\"21\":false,\"2  
 2\":false,\"23\":false,\"24\":false,\"25\":false,\"26\":false,\"27\":false,\"28\  
 \":false,\"29\":false,\"30\":false,\"31\":false,\"32\":false,\"33\":false,\"34\  
 \":false,\"35\":false,\"36\":false,\"37\":false,\"38\":false,\"39\":false,\"40\":fa  
 lse,\"41\":false,\"42\":false,\"43\":false,\"44\":false,\"45\":false,\"46\":fals  
 e,\"47\":false,\"48\":false,\"49\":false,\"50\":false,\"51\":false,\"52\":false,  
 \"53\":false,\"54\":false,\"55\":false,\"56\":false,\"57\":false,\"58\":false,\"  
 \"59\":false,\"60\":false,\"61\":false,\"62\":false,\"63\":false,\"64\":false,\"65  
 \":false,\"66\":false,\"67\":false,\"68\":false,\"69\":false,\"70\":false,\"71\  
 \":false,\"72\":false,\"73\":false,\"74\":false,\"75\":false,\"76\":false,\"77\  
 \":false,\"78\":false,\"79\":false,\"80\":false,\"81\":false,\"82\":false,\"83\":fal  
 se,\"84\":false,\"85\":false,\"86\":false,\"87\":false,\"88\":false,\"89\":false  
 ,\"90\":false,\"91\":false,\"92\":false,\"93\":false,\"94\":false,\"95\":false,\"  
 \"96\":false,\"97\":false,\"98\":false,\"99\":false,\"100\":false,\"101\":false,\"  
 \"102\":false,\"103\":false,\"104\":false,\"105\":false,\"106\":false,\"107\":fal  
 se,\"108\":false,\"109\":false,\"110\":false,\"111\":false,\"112\":false,\"113\  
 \":false,\"114\":false,\"115\":false,\"116\":false,\"117\":false,\"118\":false,\"1  
 19\":false,\"120\":false,\"121\":false,\"122\":false,\"123\":false,\"124\":false  
 ,\"125\":false,\"126\":false,\"127\":false,\"128\":false,\"129\":false,\"130\":f  
 alse,\"131\":false,\"132\":false,\"133\":false,\"134\":false,\"135\":false,\"136  
 \":false,\"137\":false,\"138\":false,\"139\":false,\"140\":false,\"141\":false,\"  
 \"142\":false,\"143\":false,\"144\":false,\"145\":false,\"146\":false,\"147\":fal  
 se,\"148\":false,\"149\":false,\"150\":false,\"151\":false,\"152\":false,\"153\  
 \":false,\"154\":false,\"155\":false,\"156\":false,\"157\":false,\"158\":false,\"1  
 59\":false,\"160\":false,\"161\":false,\"162\":false,\"163\":false,\"164\":false  
 ,\"165\":false,\"166\":false,\"167\":false,\"168\":false,\"169\":false,\"170\":f  
 alse,\"171\":false,\"172\":false,\"173\":false,\"174\":false,\"175\":false,\"176  
 \":false,\"177\":false,\"178\":false,\"179\":false,\"180\":false,\"181\":false,\"  
 \"182\":false,\"183\":false,\"184\":false,\"185\":false,\"186\":false,\"187\":fal  
 se,\"188\":false,\"189\":false,\"190\":false,\"191\":false,\"192\":false,\"193\  
 \":false,\"194\":false,\"195\":false,\"196\":false,\"197\":false,\"198\":false,\"1  
 99\":false,\"200\":false,\"201\":false,\"202\":false,\"203\":false,\"204\":false  
 ,\"205\":false,\"206\":false,\"207\":false,\"208\":false,\"209\":false,\"210\":f

also,\"211\":false,\"212\":false,\"213\":false,\"214\":false,\"215\":false,\"216  
\":false,\"217\":false,\"218\":false,\"219\":false,\"220\":false,\"221\":false,\"  
\"222\":false,\"223\":false,\"224\":false,\"225\":false,\"226\":false,\"227\":fal  
se,\"228\":false,\"229\":false,\"230\":false,\"231\":false,\"232\":false,\"233\"  
:false,\"234\":false,\"235\":false,\"236\":false,\"237\":false,\"238\":false,\"2  
39\":false,\"240\":false,\"241\":false,\"242\":false,\"243\":false,\"244\":false  
,\"245\":false,\"246\":false,\"247\":false,\"248\":false,\"249\":false,\"250\":f  
alse,\"251\":false,\"252\":false,\"253\":false,\"254\":false,\"255\":false,\"256  
\":false,\"257\":false,\"258\":false,\"259\":false,\"260\":false,\"261\":false,\"  
\"262\":false,\"263\":false,\"264\":false,\"265\":false,\"266\":false,\"267\":fal  
se,\"268\":false,\"269\":false,\"270\":false,\"271\":false,\"272\":false,\"273\"  
:false,\"274\":false,\"275\":false,\"276\":false,\"277\":false,\"278\":false,\"2  
79\":false,\"280\":false,\"281\":false,\"282\":false,\"283\":false,\"284\":false  
,\"285\":false,\"286\":false,\"287\":false,\"288\":false,\"289\":false,\"290\":f  
alse,\"291\":false,\"292\":false,\"293\":false,\"294\":false,\"295\":false,\"296  
\":false,\"297\":false,\"298\":false,\"299\":false,\"300\":false,\"301\":false,\"  
\"302\":false,\"303\":false,\"304\":false,\"305\":false,\"306\":false,\"307\":fal  
se,\"308\":false,\"309\":false,\"310\":false,\"311\":false,\"312\":false,\"313\"  
:false,\"314\":false,\"315\":false,\"316\":false,\"317\":false,\"318\":false,\"3  
19\":false,\"320\":false,\"321\":false,\"322\":false,\"323\":false,\"324\":false  
,\"325\":false,\"326\":false,\"327\":false,\"328\":false,\"329\":false,\"330\":f  
alse,\"331\":false,\"332\":false,\"333\":false,\"334\":false,\"335\":false,\"336  
\":false,\"337\":false,\"338\":false,\"339\":false,\"340\":false,\"341\":false,\"  
\"342\":false,\"343\":false,\"344\":false,\"345\":false,\"346\":false,\"347\":fal  
se,\"348\":false,\"349\":false,\"350\":false,\"351\":false,\"352\":false,\"353\"  
:false,\"354\":false,\"355\":false,\"356\":false,\"357\":false,\"358\":false,\"3  
59\":false,\"360\":false,\"361\":false,\"362\":false,\"363\":false,\"364\":false  
,\"365\":false,\"366\":false,\"367\":false,\"368\":false,\"369\":false,\"370\":f  
alse,\"371\":false,\"372\":false,\"373\":false,\"374\":false,\"375\":false,\"376  
\":false,\"377\":false,\"378\":false,\"379\":false,\"380\":false,\"381\":false,\"  
\"382\":false,\"383\":false,\"384\":false,\"385\":false,\"386\":false,\"387\":fal  
se,\"388\":false,\"389\":false,\"390\":false,\"391\":false,\"392\":false,\"393\"  
:false,\"394\":false,\"395\":false,\"396\":false,\"397\":false,\"398\":false,\"3  
99\":false,\"400\":false,\"401\":false,\"402\":false,\"403\":false,\"404\":false  
,\"405\":false,\"406\":false,\"407\":false,\"408\":false,\"409\":false,\"410\":f  
alse,\"411\":false,\"412\":false,\"413\":false,\"414\":false,\"415\":false,\"416  
\":false,\"417\":false,\"418\":false,\"419\":false,\"420\":false,\"421\":false,\"  
\"422\":false,\"423\":false,\"424\":false,\"425\":false,\"426\":false,\"427\":fal  
se,\"428\":false,\"429\":false,\"430\":false,\"431\":false,\"432\":false,\"433\"  
:false,\"434\":false,\"435\":false,\"436\":false,\"437\":false,\"438\":false,\"4  
39\":false,\"440\":false,\"441\":false,\"442\":false,\"443\":false,\"444\":false  
,\"445\":false,\"446\":false,\"447\":false,\"448\":false,\"449\":false,\"450\":f  
alse,\"451\":false,\"452\":false,\"453\":false,\"454\":false,\"455\":false,\"456  
\":false,\"457\":false,\"458\":false,\"459\":false,\"460\":false,\"461\":false,\"  
\"462\":false,\"463\":false,\"464\":false,\"465\":false,\"466\":false,\"467\":fal  
se,\"468\":false,\"469\":false,\"470\":false,\"471\":false,\"472\":false,\"473\"  
:false,\"474\":false,\"475\":false,\"476\":false,\"477\":false,\"478\":false,\"4  
79\":false,\"480\":false,\"481\":false,\"482\":false,\"483\":false,\"484\":false

,\"485\":false,\"486\":false,\"487\":false,\"488\":false,\"489\":false,\"490\":f  
alse,\"491\":false,\"492\":false,\"493\":false,\"494\":false,\"495\":false,\"496  
\":false,\"497\":false,\"498\":false,\"499\":false,\"500\":false,\"501\":false,\  
\"502\":false,\"503\":false,\"504\":false,\"505\":false,\"506\":false,\"507\":fal  
se,\"508\":false,\"509\":false,\"510\":false,\"511\":false,\"512\":false,\"513\  
\":false,\"514\":false,\"515\":false,\"516\":false,\"517\":false,\"518\":false,\"5  
19\":false,\"520\":false,\"521\":false,\"522\":false,\"523\":false,\"524\":false  
,\"525\":false,\"526\":false,\"527\":false,\"528\":false,\"529\":false,\"530\":f  
alse,\"531\":false,\"532\":false,\"533\":false,\"534\":false,\"535\":false,\"536  
\":false,\"537\":false,\"538\":false,\"539\":false,\"540\":false,\"541\":false,\  
\"542\":false,\"543\":false,\"544\":false,\"545\":false,\"546\":false,\"547\":fal  
se,\"548\":false,\"549\":false,\"550\":false,\"551\":false,\"552\":false,\"553\  
\":false,\"554\":false,\"555\":false,\"556\":false,\"557\":false,\"558\":false,\"5  
59\":false,\"560\":false,\"561\":false,\"562\":false,\"563\":false,\"564\":false  
,\"565\":false,\"566\":false,\"567\":false,\"568\":false,\"569\":false,\"570\":f  
alse,\"571\":false,\"572\":false,\"573\":false,\"574\":false,\"575\":false,\"576  
\":false,\"577\":false,\"578\":false,\"579\":false,\"580\":false,\"581\":false,\  
\"582\":false,\"583\":false,\"584\":false,\"585\":false,\"586\":false,\"587\":fal  
se,\"588\":false,\"589\":false,\"590\":false,\"591\":false,\"592\":false,\"593\  
\":false,\"594\":false,\"595\":false,\"596\":false,\"597\":false,\"598\":false,\"5  
99\":false,\"600\":false,\"601\":false,\"602\":false,\"603\":false,\"604\":false  
,\"605\":false,\"606\":false,\"607\":false,\"608\":false,\"609\":false,\"610\":f  
alse,\"611\":false,\"612\":false,\"613\":false,\"614\":false,\"615\":false,\"616  
\":false,\"617\":false,\"618\":false,\"619\":false,\"620\":false,\"621\":false,\  
\"622\":false,\"623\":false,\"624\":false,\"625\":false,\"626\":false,\"627\":fal  
se,\"628\":false,\"629\":false,\"630\":false,\"631\":false,\"632\":false,\"633\  
\":false,\"634\":false,\"635\":false,\"636\":false,\"637\":false,\"638\":false,\"6  
39\":false,\"640\":false,\"641\":false,\"642\":false,\"643\":false,\"644\":false  
,\"645\":false,\"646\":false,\"647\":false,\"648\":false,\"649\":false,\"650\":f  
alse,\"651\":false,\"652\":false,\"653\":false,\"654\":false,\"655\":false,\"656  
\":false,\"657\":false,\"658\":false,\"659\":false,\"660\":false,\"661\":false,\  
\"662\":false,\"663\":false,\"664\":false,\"665\":false,\"666\":false,\"667\":fal  
se,\"668\":false,\"669\":false,\"670\":false,\"671\":false,\"672\":false,\"673\  
\":false,\"674\":false,\"675\":false,\"676\":false,\"677\":false,\"678\":false,\"6  
79\":false,\"680\":false,\"681\":false,\"682\":false,\"683\":false,\"684\":false  
,\"685\":false,\"686\":false,\"687\":false,\"688\":false,\"689\":false,\"690\":f  
alse,\"691\":false,\"692\":false,\"693\":false,\"694\":false,\"695\":false,\"696  
\":false,\"697\":false,\"698\":false,\"699\":false,\"700\":false,\"701\":false,\  
\"702\":false,\"703\":false,\"704\":false,\"705\":false,\"706\":false,\"707\":fal  
se,\"708\":false,\"709\":false,\"710\":false,\"711\":false,\"712\":false,\"713\  
\":false,\"714\":false,\"715\":false,\"716\":false,\"717\":false,\"718\":false,\"7  
19\":false,\"720\":false,\"721\":false,\"722\":false,\"723\":false,\"724\":false  
,\"725\":false,\"726\":false,\"727\":false,\"728\":false,\"729\":false,\"730\":f  
alse,\"731\":false,\"732\":false,\"733\":false,\"734\":false,\"735\":false,\"736  
\":false,\"737\":false,\"738\":false,\"739\":false,\"740\":false,\"741\":false,\  
\"742\":false,\"743\":false,\"744\":false,\"745\":false,\"746\":false,\"747\":fal  
se,\"748\":false,\"749\":false,\"750\":false,\"751\":false,\"752\":false,\"753\  
\":false,\"754\":false,\"755\":false,\"756\":false,\"757\":false,\"758\":false,\"7

59\\":false,\\\"760\\\":false,\\\"761\\\":false,\\\"762\\\":false,\\\"763\\\":false,\\\"764\\\":false  
\\\"765\\\":false,\\\"766\\\":false,\\\"767\\\":false,\\\"768\\\":false,\\\"769\\\":false,\\\"770\\\":f  
alse,\\\"771\\\":false,\\\"772\\\":false,\\\"773\\\":false,\\\"774\\\":false,\\\"775\\\":false,\\\"776  
\\\":false,\\\"777\\\":false,\\\"778\\\":false,\\\"779\\\":false,\\\"780\\\":false,\\\"781\\\":false,\\  
\"782\\\":false,\\\"783\\\":false,\\\"784\\\":false,\\\"785\\\":false,\\\"786\\\":false,\\\"787\\\":fal  
se,\\\"788\\\":false,\\\"789\\\":false,\\\"790\\\":false,\\\"791\\\":false,\\\"792\\\":false,\\\"793\\\"  
:false,\\\"794\\\":false,\\\"795\\\":false,\\\"796\\\":false,\\\"797\\\":false,\\\"798\\\":false,\\\"7  
99\\\":false,\\\"800\\\":false,\\\"801\\\":false,\\\"802\\\":false,\\\"803\\\":false,\\\"804\\\":false  
\\\"805\\\":false,\\\"806\\\":false,\\\"807\\\":false,\\\"808\\\":false,\\\"809\\\":false,\\\"810\\\":f  
alse,\\\"811\\\":false,\\\"812\\\":false,\\\"813\\\":false,\\\"814\\\":false,\\\"815\\\":false,\\\"816  
\\\":false,\\\"817\\\":false,\\\"818\\\":false,\\\"819\\\":false,\\\"820\\\":false,\\\"821\\\":false,\\  
\"822\\\":false,\\\"823\\\":false,\\\"824\\\":false,\\\"825\\\":false,\\\"826\\\":false,\\\"827\\\":fal  
se,\\\"828\\\":false,\\\"829\\\":false,\\\"830\\\":false,\\\"831\\\":false,\\\"832\\\":false,\\\"833\\\"  
:false,\\\"834\\\":false,\\\"835\\\":false,\\\"836\\\":false,\\\"837\\\":false,\\\"838\\\":false,\\\"8  
39\\\":false,\\\"840\\\":false,\\\"841\\\":false,\\\"842\\\":false,\\\"843\\\":false,\\\"844\\\":false  
\\\"845\\\":false,\\\"846\\\":false,\\\"847\\\":false,\\\"848\\\":false,\\\"849\\\":false,\\\"850\\\":f  
alse,\\\"851\\\":false,\\\"852\\\":false,\\\"853\\\":false,\\\"854\\\":false,\\\"855\\\":false,\\\"856  
\\\":false,\\\"857\\\":false,\\\"858\\\":false,\\\"859\\\":false,\\\"860\\\":false,\\\"861\\\":false,\\  
\"862\\\":false,\\\"863\\\":false,\\\"864\\\":false,\\\"865\\\":false,\\\"866\\\":false,\\\"867\\\":fal  
se,\\\"868\\\":false,\\\"869\\\":false,\\\"870\\\":false,\\\"871\\\":false,\\\"872\\\":false,\\\"873\\\"  
:false,\\\"874\\\":false,\\\"875\\\":false,\\\"876\\\":false,\\\"877\\\":false,\\\"878\\\":false,\\\"8  
79\\\":false,\\\"880\\\":false,\\\"881\\\":false,\\\"882\\\":false,\\\"883\\\":false,\\\"884\\\":false  
\\\"885\\\":false,\\\"886\\\":false,\\\"887\\\":false,\\\"888\\\":false,\\\"889\\\":false,\\\"890\\\":f  
alse,\\\"891\\\":false,\\\"892\\\":false,\\\"893\\\":false,\\\"894\\\":false,\\\"895\\\":false,\\\"896  
\\\":false,\\\"897\\\":false,\\\"898\\\":false,\\\"899\\\":false,\\\"900\\\":false,\\\"901\\\":false,\\  
\"902\\\":false,\\\"903\\\":false,\\\"904\\\":false,\\\"905\\\":false,\\\"906\\\":false,\\\"907\\\":fal  
se,\\\"908\\\":false,\\\"909\\\":false,\\\"910\\\":false,\\\"911\\\":false,\\\"912\\\":false,\\\"913\\\"  
:false,\\\"914\\\":false,\\\"915\\\":false,\\\"916\\\":false,\\\"917\\\":false,\\\"918\\\":false,\\\"9  
19\\\":false,\\\"920\\\":false,\\\"921\\\":false,\\\"922\\\":false,\\\"923\\\":false,\\\"924\\\":false  
\\\"925\\\":false,\\\"926\\\":false,\\\"927\\\":false,\\\"928\\\":false,\\\"929\\\":false,\\\"930\\\":f  
alse,\\\"931\\\":false,\\\"932\\\":false,\\\"933\\\":false,\\\"934\\\":false,\\\"935\\\":false,\\\"936  
\\\":false,\\\"937\\\":false,\\\"938\\\":false,\\\"939\\\":false,\\\"940\\\":false,\\\"941\\\":false,\\  
\"942\\\":false,\\\"943\\\":false,\\\"944\\\":false,\\\"945\\\":false,\\\"946\\\":false,\\\"947\\\":fal  
se,\\\"948\\\":false,\\\"949\\\":false,\\\"950\\\":false,\\\"951\\\":false,\\\"952\\\":false,\\\"953\\\"  
:false,\\\"954\\\":false,\\\"955\\\":false,\\\"956\\\":false,\\\"957\\\":false,\\\"958\\\":false,\\\"9  
59\\\":false,\\\"960\\\":false,\\\"961\\\":false,\\\"962\\\":false,\\\"963\\\":false,\\\"964\\\":false  
\\\"965\\\":false,\\\"966\\\":false,\\\"967\\\":false,\\\"968\\\":false,\\\"969\\\":false,\\\"970\\\":f  
alse,\\\"971\\\":false,\\\"972\\\":false,\\\"973\\\":false,\\\"974\\\":false,\\\"975\\\":false,\\\"976  
\\\":false,\\\"977\\\":false,\\\"978\\\":false,\\\"979\\\":false,\\\"980\\\":false,\\\"981\\\":false,\\  
\"982\\\":false,\\\"983\\\":false,\\\"984\\\":false,\\\"985\\\":false,\\\"986\\\":false,\\\"987\\\":fal  
se,\\\"988\\\":false,\\\"989\\\":false,\\\"990\\\":false,\\\"991\\\":false,\\\"992\\\":false,\\\"993\\\"  
:false,\\\"994\\\":false,\\\"995\\\":false,\\\"996\\\":false,\\\"997\\\":false,\\\"998\\\":false,\\\"9  
99\\\":false,\\\"1000\\\":false,\\\"1001\\\":false,\\\"1002\\\":false,\\\"1003\\\":false,\\\"1004\\\":  
false,\\\"1005\\\":false,\\\"1006\\\":false,\\\"1007\\\":false,\\\"1008\\\":false,\\\"1009\\\":false  
\\\"1010\\\":false,\\\"1011\\\":false,\\\"1012\\\":false,\\\"1013\\\":false,\\\"1014\\\":false,\\\"10  
15\\\":false,\\\"1016\\\":false,\\\"1017\\\":false,\\\"1018\\\":false,\\\"1019\\\":false,\\\"1020\\\":  
false},\\\"filename\\\":{\\\"0\\\":\\\"c23afa84-4ea7-4d77-8da5-  
48eb38b3fcd6.mov\\\",\\\"1\\\":\\\"c23afa84-4ea7-4d77-8da5-

[illegible]

[illegible]



[illegible]



[illegible]

[illegible]

[illegible]





[illegible]













[illegible]





[illegible]

[illegible]





```
8948c6e48bbf.mov\","1010\":"3c541de9-d7ed-40b1-a304-
8948c6e48bbf.mov\","1011\":"3c541de9-d7ed-40b1-a304-
8948c6e48bbf.mov\","1012\":"3c541de9-d7ed-40b1-a304-
8948c6e48bbf.mov\","1013\":"3c541de9-d7ed-40b1-a304-
8948c6e48bbf.mov\","1014\":"3c541de9-d7ed-40b1-a304-
8948c6e48bbf.mov\","1015\":"3c541de9-d7ed-40b1-a304-
8948c6e48bbf.mov\","1016\":"3c541de9-d7ed-40b1-a304-
8948c6e48bbf.mov\","1017\":"3c541de9-d7ed-40b1-a304-
8948c6e48bbf.mov\","1018\":"3c541de9-d7ed-40b1-a304-
8948c6e48bbf.mov\","1019\":"3c541de9-d7ed-40b1-a304-
8948c6e48bbf.mov\","1020\":"3c541de9-d7ed-40b1-a304-8948c6e48bbf.mov\"]]}"
```

STOPPING MESSAGE CONSUMER

```
[13]: consumer.close()
```

### 0.5.10 Define Directories

```
[14]: cwd = os.getcwd()
      cwd
```

```
[14]: '/home/jovyan/dsc650/dsc650/assignments/assignment08'
```

```
[15]: current_dir = Path('/home/jovyan/dsc650/dsc650/assignments/assignment08/')
      results_dir = current_dir.joinpath('results')
```

### 0.5.11 Consumer Review of Subscriptions(), Topics(), and Print\_\_Messages()

```
[22]: ## Setup begin datetime, time, and interval.
      begin_datetime = datetime.now()
      begin_time = time.time()
      interval = 0.1
```

```
[17]: ## Subscription
      consumer.subscription()
      ## print("Complete: --- %s seconds have passed ----"% (time.time() -
      ↪begin_time))
```

```
[17]: {'MeyerJake-accelerations', 'MeyerJake-locations'}
```

```
[18]: general_consumer.topics()
      ## print("Complete: --- %s seconds have passed ----"% (time.time() -
      ↪begin_time))
```

```
[18]: {'AvinazGabriel-accelerations',
      'AvinazGabriel-locations',
      'ClaytonDaniel-accelerations',
```

```

'ClaytonDaniel-locations',
'CosentiniVictor-accelerations',
'CosentiniVictor-locations',
'DoeJohn-accelerations',
'DoeJohn-locations',
'HanPhil-accelerations',
'HanPhil-locations',
'MeyerJake-acceleration',
'MeyerJake-accelerations',
'MeyerJake-locations',
'OehlerAngie-accelerations',
'OehlerAngie-locations',
'OmprakashSantosh-accelerations',
'OmprakashSantosh-locations',
'PatelMithil-accelerations',
'PatelMithil-locations',
'ShermanMilan-accelerations',
'ShermanMilan-locations',
'TabbalatAbed-accelerations',
'TabbalatAbed-locations',
'TabbalatAbed-simple',
'WeatherfordPatrick-accelerations',
'WeatherfordPatrick-locations'}

```

```

[19]: print_messages(consumer)
      ## print("Complete: --- %s seconds have passed ----"% (time.time() -
      ↪begin_time))

```

```

[20]: general_consumer.close()

```

```

[21]: consumer.close()

```