

```
from newsapi import NewsApiClient
import pycountry

def news_category(country,category):
    # you have to get your api key from newapi.com and then paste it below
    newsapi = NewsApiClient(api_key='')

    # now we will take name of country from user as input
    input_country = country
    input_countries = [f'{input_country.strip()}']
    countries = {}

    # iterate over all the countries in
    # the world using pycountry module
    for country in pycountry.countries:

        # and store the unique code of each country
        # in the dictionary along with it's full name
        countries[country.name] = country.alpha_2

    # now we will check that the entered country name is
    # valid or invalid using the unique code
    codes = [countries.get(country.title(), 'Unknown code')
              for country in input_countries]

    # now we have to display all the categories from which user will
    # decide and enter the name of that category
    option = category
```

```

# now we will fetch the new according to the choice of the user
top_headlines = newsapi.get_top_headlines(

    # getting top headlines from all the news channels
    category=f'{option.lower()}', language='en', country=f'{codes[0].lower()}')

# fetch the top news under that category
Headlines = top_headlines['articles']
title=[]
url=[]
urltoimage=[]

# now we will display the that news with a good readability for user
if Headlines:
    for articles in Headlines:
        b = articles['title'][:-1].index("-")
        if "news" in (articles['title'][-b+1:]).lower():
            title.append(f'{articles["title"]}')
            url.append(f'{articles["url"]}')
            urltoimage.append(f'{articles["urlToImage"]}')

        else:
            title.append(f'{articles["title"]}')
            url.append(f'{articles["url"]}')

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        urltoimage.append(f'{articles["urlToImage"]}')  
    return title,url,urltoimage
```

else:

```
    print(f"Sorry no articles found for {input_country}, Something Wrong!!!")  
    option = input("Do you want to search again[Yes/No]?")
```

def news_headlines(country):

```
    # you have to get your api key from newapi.com and then paste it below  
    newsapi = NewsApiClient(api_key="")
```

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    # now we will take name of country from user as input
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    input_country = country
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    input_countries = [f'{input_country.strip()}']
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    countries = {}
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    # the world using pycountry module
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```
    for country in pycountry.countries:
```

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        # and store the unique code of each country
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        # in the dictionary along with it's full name
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        countries[country.name] = country.alpha_2
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    # now we will check that the entered country name is
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    codes = [countries.get(country.title(), 'Unknown code')]
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        for country in input_countries]
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# decide and enter the name of that category
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# now we will fetch the new according to the choice of the user  
top_headlines = newsapi.get_top_headlines(
```

```
    # getting top headlines from all the news channels  
    language='en', country=f'{codes[0].lower()}')
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# fetch the top news under that category
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Headlines = top_headlines['articles']
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        b = articles['title'][:-1].index("-")
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        if "news" in (articles['title'][-b + 1:]).lower():
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```
            title.append(f'{articles["title"]}')"
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            url.append(f'{articles["url"]}')"
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            urltoimage.append(f'{articles["urlToImage"]}')"
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        else:
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            title.append(f'{articles["title"]}')"
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        urltoimage.append(f"{articles['urlToImage']}")  
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