

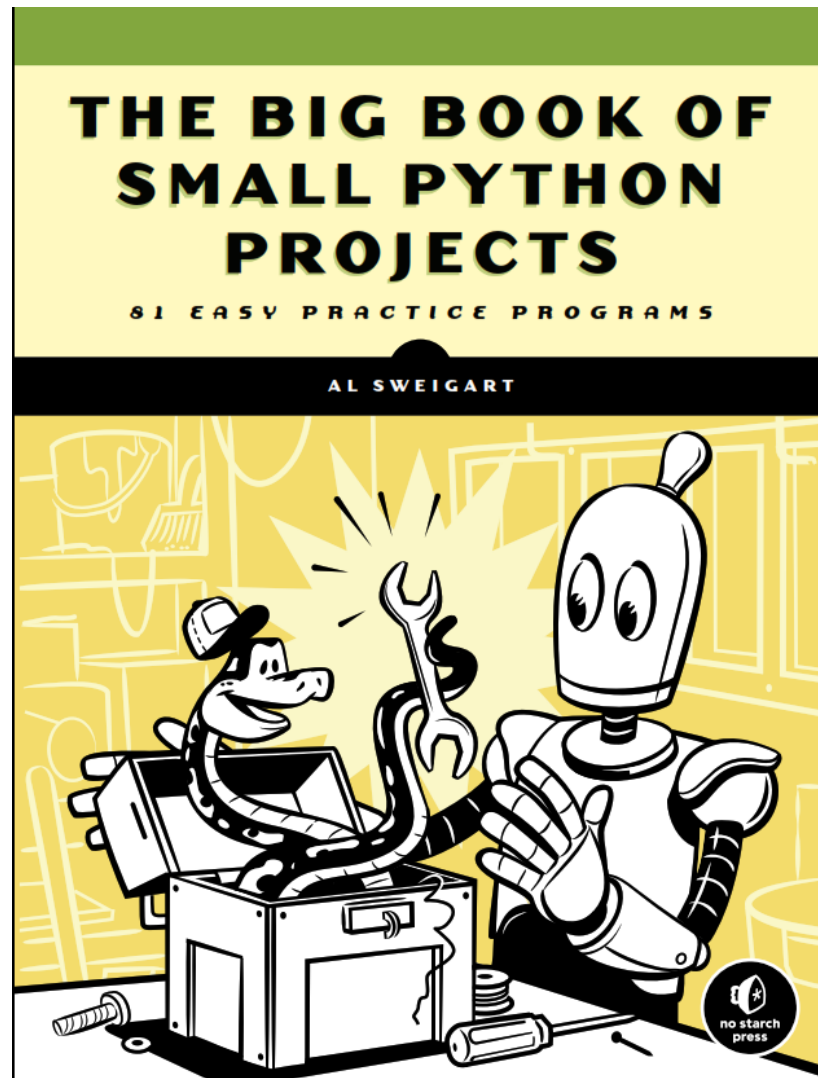
# **CLICKBAIT HEADLINE GENERATOR**

## **(Automation Project)**

### **Pemrograman Python Lanjut**

#### **Pertemuan 2 (Praktikum)**

# Referensi



# clickbait

Buatlah sebuah file dengan nama **clickbait.py**. Kemudian ketikkan kode berikut:

```
import random

# Set up the constants:
OBJECT_PRONOUNS = ['Her', 'Him', 'Them']
POSSESSIVE_PRONOUNS = ['Her', 'His', 'Their']
PERSONAL_PRONOUNS = ['She', 'He', 'They']
STATES = ['California', 'Texas', 'Florida', 'New York', 'Pennsylvania', 'Illinois', 'Ohio', 'Georgia', 'North Carolina', 'Michigan']
NOUNS = ['Athlete', 'Clown', 'Shovel', 'Paleo Diet', 'Doctor', 'Parent', 'Cat', 'Dog', 'Chicken', 'Robot', 'Video Game', 'Avocado', 'Plastic Straw', 'Serial Killer', 'Telephone Psychic']
PLACES = ['House', 'Attic', 'Bank Deposit Box', 'School', 'Basement', 'Workplace', 'Donut Shop', 'Apocalypse Bunker']
WHEN = ['Soon', 'This Year', 'Later Today', 'RIGHT NOW', 'Next Week']
```

# clickbait

```
def main():
    print('Clickbait Headline Generator')
    print('Random Project Automation')
    print()
    print('Our website needs to trick people into looking at ads!')
    while True:
        print('Enter the number of clickbait headlines to generate:')
        response = input('> ')
        if not response.isdecimal():
            print('Please enter a number.')
        else:
            numberOfHeadlines = int(response)
            break # Exit the loop once a valid number is entered.

    for i in range(numberOfHeadlines):
        clickbaitType = random.randint(1, 8)

        if clickbaitType == 1:
            headline = generateAreMillennialsKillingHeadline()
        elif clickbaitType == 2:
            headline = generateWhatYouDontKnowHeadline()
        elif clickbaitType == 3:
            headline = generateBigCompaniesHateHerHeadline()
        elif clickbaitType == 4:
            headline = generateYouWontBelieveHeadline()
        elif clickbaitType == 5:
            headline = generateDontWantYouToKnowHeadline()
        elif clickbaitType == 6:
            headline = generateGiftIdeaHeadline()
        elif clickbaitType == 7:
            headline = generateReasonsWhyHeadline()
        elif clickbaitType == 8:
            headline = generateJobAutomatedHeadline()

        print(headline)
    print()

    website = random.choice(['website', 'blog', 'Facebook', 'Google',
                             'Facebook', 'Tweeter', 'Instagram'])
    when = random.choice(WHEN).lower()
    print('Post these to our', website, when, 'or you\'re fired!')
```

# clickbait



```
# Each of these functions returns a different type of headline:
```

```
def generateAreMillennialsKillingHeadline():  
    noun = random.choice(NOUNS)  
    return 'Are Millennials Killing the {} Industry?'.format(noun)
```

```
def generateWhatYouDontKnowHeadline():  
    noun = random.choice(NOUNS)  
    pluralNoun = random.choice(NOUNS) + 's'  
    when = random.choice(WHEN)  
    return 'Without This {}, {} Could Kill You {}'.format(noun, pluralNoun, when)
```

# clickbait

```
def generateBigCompaniesHateHerHeadline():  
    pronoun = random.choice(OBJECT_PRONOUNS)  
    state = random.choice(STATES)  
    noun1 = random.choice(NOUNS)  
    noun2 = random.choice(NOUNS)  
    return 'Big Companies Hate {}! See How This {} {} Invented a Cheaper {}'.format(pronoun, state, noun1, noun2)  
  
def generateYouWontBelieveHeadline():  
    state = random.choice(STATES)  
    noun = random.choice(NOUNS)  
    pronoun = random.choice(POSSESSIVE_PRONOUNS)  
    place = random.choice(PLACES)  
    return 'You Won\'t Believe What This {} {} Found in {} {}'.format(state, noun, pronoun, place)
```

# clickbait

```
def generateDontWantYouToKnowHeadline():  
    pluralNoun1 = random.choice(NOUNS) + 's'  
    pluralNoun2 = random.choice(NOUNS) + 's'  
    return 'What {} Don\'t Want You To Know About {}'.format(pluralNoun1, pluralNoun2)  
  
def generateGiftIdeaHeadline():  
    number = random.randint(7, 15)  
    noun = random.choice(NOUNS)  
    state = random.choice(STATES)  
    return '{} Gift Ideas to Give Your {} From {}'.format(number, noun, state)
```

# clickbait

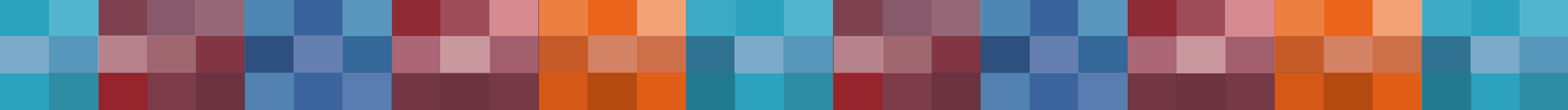
```
def generateReasonsWhyHeadline():
    number1 = random.randint(3, 19)
    pluralNoun = random.choice(NOUNS) + 's'
    # number2 should be no larger than number1:
    number2 = random.randint(1, number1)
    return '{} Reasons Why {} Are More Interesting Than You Think (Number {} Will Surprise You!)'.format(number1, pluralNoun, number2)

def generateJobAutomatedHeadline():
    state = random.choice(STATES)
    noun = random.choice(NOUNS)

    i = random.randint(0, 2)
    pronoun1 = POSSESSIVE_PRONOUNS[i]
    pronoun2 = PERSONAL_PRONOUNS[i]
    if pronoun1 == 'Their':
        return 'This {} {} Didn\'t Think Robots Would Take {} Job. {} Were Wrong.'.format(state, noun, pronoun1, pronoun2)
    else:
        return 'This {} {} Didn\'t Think Robots Would Take {} Job. {} Was Wrong.'.format(state, noun, pronoun1, pronoun2)

# If the program is run (instead of imported), run the game:
if __name__ == '__main__':
    main()
```





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