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NPTEL (https://swayam.gov.in/explorer?ncCode=NPTEL) » The Joy of Computing using Python (course)

Course outline

About NPTEL  
( )

How does an NPTEL online course work?  
( )

Week 0 ( )

Week 1 ( )

Week 2 ( )

Week 3 ( )

week 4 ( )

Week 5 ( )

Week 6 ( )

Week 7 ( )

Week 8 ( )

Week 9 ( )

Week 10 ( )

Week 11 ( )

Browser Automation  
Watsapp using Python - Part 01  
(unit?)

# Week 11: Assignment 11

Your last recorded submission was on 2024-09-28, 19:09 IST Due date: 2024-10-09, 23:59 IST.

1) Which Python library is commonly used for automating web browsers for tasks like testing or web scraping? 1 point

- ☐ datetime
- ☒ selenium
- ☐ chrome
- ☐ webdriver

2) In Selenium, what is the purpose of the WebDriver (e.g., `webdriver.Chrome()`)? 1 point

- ☐ To interact with databases
- ☐ To send HTTP requests
- ☒ To control a web browser programmatically
- ☐ To parse HTML and XML documents

3) Which method is used in Selenium to open a specific URL in the web browser? 1 point

- ☐ `driver.open(url)`
- ☐ `driver.load(url)`
- ☐ `driver.navigate(url)`
- ☒ `driver.get(url)`

4) In Selenium, how can you simulate pressing the Enter key in a text input field? 1 point

- ☒ `input field.send keys(Keys.ENTER)`
- ☐ `input field.submit()`
- ☐ `input field.send keys(Keys.RETURN)`
- ☐ `input field.press('Enter')`

5) How can you get the current local date and time in Python using the `datetime` module? 1 point

- ☐ `datetime.date.today()`
- ☒ `datetime.datetime.now()`
- ☐ `datetime.time.now()`

unit=227&lesson=228)

● Browser Automation Whatsapp using Python - Part 02 (unit? unit=227&lesson=229)

● Browser Automation Whatsapp using Python - Part 03 (unit? unit=227&lesson=230)

● Browser Automation Whatsapp using Python - Part 04 (unit? unit=227&lesson=231)

○ Fun with Calendar - Part 01 (unit? unit=227&lesson=232)

○ Fun with Calendar - Part 02 (unit? unit=227&lesson=233)

○ Fun with Calendar - Part 03 (unit? unit=227&lesson=234)

○ Fun with Calendar - Part 04 (unit? unit=227&lesson=235)

○ Fun with Calendar - Part 05 (unit? unit=227&lesson=236)

● Fun with Calendar - Part 06 (unit? unit=227&lesson=237)

○ Fun with Calendar - Part 07 (unit? unit=227&lesson=238)

6) Which function from the **calendar** module can be used to create a formatted string representing a month's calendar?

1 point

- ☐ calendar.printmonth()  
☒ calendar.month()  
☐ calendar.monthcalendar()

7) Which function would you use to replace characters in a string in Python?

1 point

- ☐ string.modify()  
☒ string.replace(old, new)  
☐ string.remove(old)  
☐ string.update(new)

8) Which of the following statements correctly imports the **datetime** module in Python?

1 point

- ☐ import datetime  
☐ from datetime import datetime  
☐ import datetime as dt  
☒ All of the given options

9) What does the following Python code output?

1 point

```
import calendar
print(calendar.isleap(2024))
```

- ☒ True  
☐ False  
☐ 2024.0  
☐ None

10) Using the datetime module, how can you print the current date 7 times, each time increasing the day by 1 from the current date?

1 point

- ☒ for i in range(7):  
    print(datetime.datetime.now() + datetime.timedelta(days=i))  
☐ for i in range(7):  
    print(datetime.date.today() + datetime.timedelta(days=i))  
☐ for i in range(7):  
    print(datetime.datetime.today().add(days=i))  
☐ for i in range(7):  
    print(datetime.date.now().add(days=i))

You may submit any number of times before the due date. The final submission will be considered for grading.

**Submit Answers**