# Marist Digital Education Workshop Web Scrapping Demo

### **Objective:**

• To scan through the contents of the aforementioned website link and retrieve all the workshop information which can be mailed later to the college's faculties.

### **Features:**

- Scrap the workshop information
- Mail the scrapped information to the faculties

### **Future Tweaks – On Progress:**

- Increase the program ability to recognize the desired content info precisely
- Create a website so that this can be managed easily
- Send mails automatically based on the meeting status available, cancelled or rescheduled

Project Repo Location:

<u>github.com/vivekVells/WebScrapMailer/tree/master/MaristDigitalEducationWorkshop</u>

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File last updated: March 27<sup>th</sup> 2018

# Website Page (as of March 27th 2018): <a href="https://www.marist.edu/it/digitaleducation/workshops.html">https://www.marist.edu/it/digitaleducation/workshops.html</a>



Digital Education

CTE Workshops

Digital Resources

Innovation

Certification

Faculty Showcases

Services & Support

### Contact:

Digital Education 🖂

845.575.3252

For Assistance: x4357 Room 305, 3rd Floor, Library





home > information technology > digital education

### Workshops

All workshops are available either face-to-face or through a webinar. Register for workshops by clicking the links below. Our workshops are broken into certificate tracks. Below, you see the next available workshop date and time for each workshop in each certificate track.

\*Note\*: If you are unable to log-in to the registration site or have any questions, please email to Digital.Education@Marist.edu

Student Engagement	Blended Classroom	iLearn Level 1	iLearn Level 2	Open Labs + New Tools	E3 - Enhance, Engage, Empower *
Register for Workshops Here	Register for Workshops Here	Register for Workshops Here	Register for Workshops Here	Register for Workshops Here	Register Here
	Collaboration through iLearn March 22 <sup>nd</sup> , 11:00 AM - 12:00 PM	Applying the Quality Matters Rubric March 26 <sup>th</sup> , 11:00 AM - 12:00 PM	Optimizing WebEx in your Class April 16 <sup>th</sup> , 10:00 AM - 11:00 AM	Open Labs in March Every Tuesday from 10:00 AM - 12:00 PM & Every Thursday from 2:00 PM - 4:00 PM	All week online, interactive course Next session begins on TBD
	Optimize your Face to Face Time April 27 <sup>th</sup> , 12:00 PM - 1:00 PM	Design Assessments in iLearn April 4 <sup>th</sup> , 11:00 AM - 12:00 PM	Quality Matters - Dig Deeper April 24 <sup>th</sup> , 2:00 PM - 3:00 PM	Open Labs in April Every Tuesday from 12:00 PM - 2:00 PM & Every Friday from 10:00 AM - 12:00 PM	
			Mobile Apps for Education April 25 <sup>th</sup> , 11:00 AM - 12:00 PM		

<sup>\*</sup> Note - E3 - Enhance, Engage, Empower certificates will need to be refreshed every 2 years.

# The workshop information we are interested in

Student Engagement	Blended Classroom	iLearn Level 1	iLearn Level 2	Open Labs + New Tools	E3 - Enhance, Engage, Empower *
Register for Workshops Here	Register for Workshops Here	Register for Workshops Here	Register for Workshops Here	Register for Workshops Here	Register Here
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			Mobile Apps for Education April 25 <sup>th</sup> , 11:00 AM - 12:00 PM		

## **Objective:**

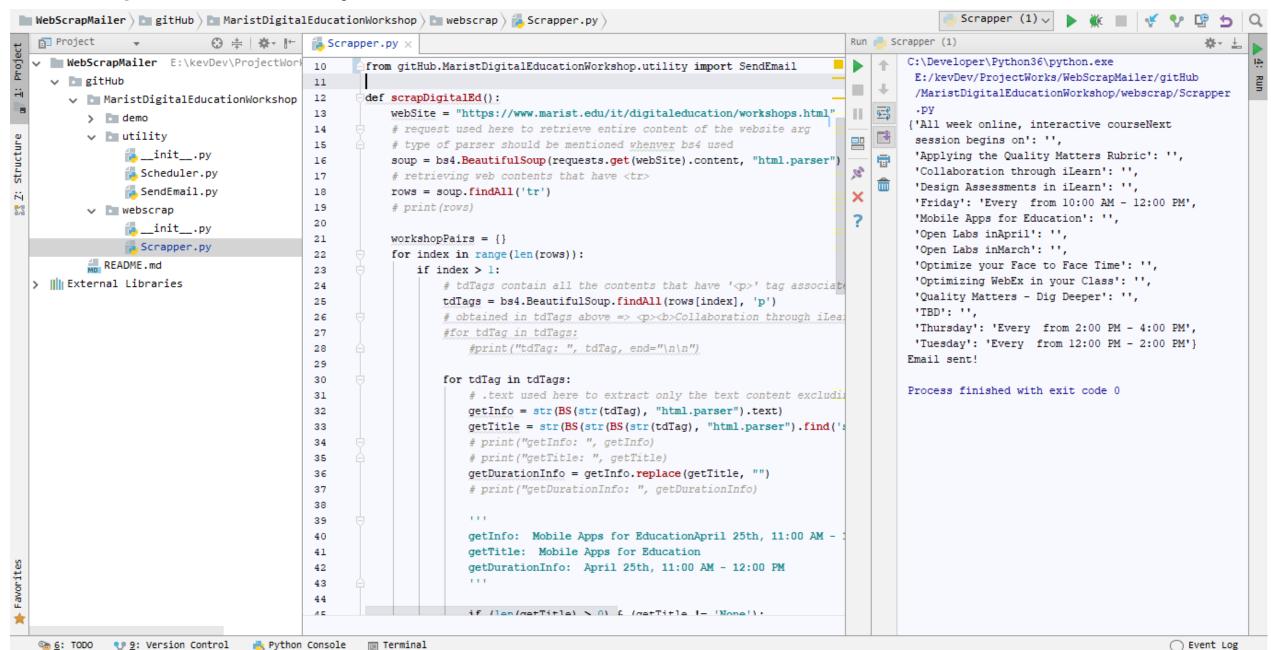
- We are interested to retrieve the workshop information alone
- To retrieve the workshop
  - Title
  - Date & Timing information

# For Example:

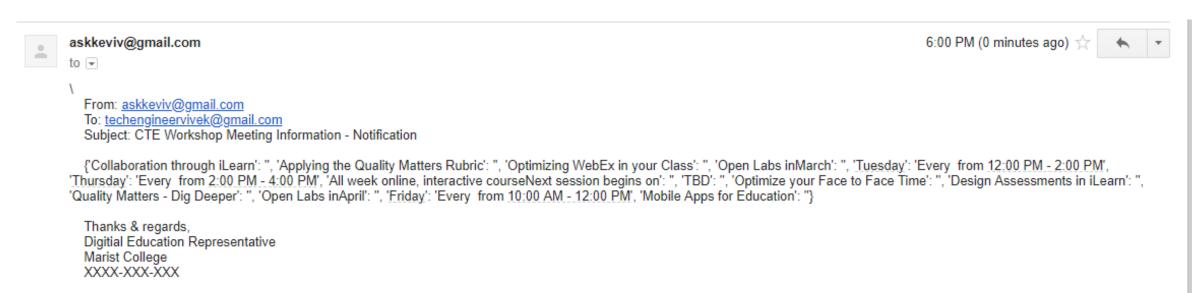
• Workshop Title: Mobile Apps for Education

Scheduled Info: April 25th, 11:00 AM - 12:00 PM

### **Program Execution Output**



### **Mail Reception Output**



### **Acutal Website Content Screenshot VS Program Execution Output**

### **Actual Website Content Screenshot**

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Register for Workshops Here	Register for Workshops Here	Register for Workshops Here	Register for Workshops Here	Register for Workshops Here	Register Here
	Collaboration through iLearn March 22 <sup>nd</sup> , 11:00 AM - 12:00 PM	Applying the Quality Matters Rubric March 28 <sup>th</sup> , 11:00 AM - 12:00 PM	Optimizing WebEx in your Class April 16 <sup>th</sup> , 10:00 AM - 11:00 AM	Open Labs in March  Every Tuesday from 10:00 AM - 12:00 PM  &  Every Thursday from 2:00 PM - 4:00 PM	All week online, interactive course Next session begins on TBD
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### **Program Execution Output**

```
Scrapper
  C:\Developer\Python36\python.exe 2
  E:/kevDev/ProjectWorks/WebScrapMailer/gitHub?
  $/webscrap/Scrapper.py
  {'All week online, interactive courseNext session
   begins on': '',
   'Applying the Quality Matters Rubric': '',
   'Collaboration through iLearn': '',
   'Design Assessments in iLearn': '',
   'Friday': 'Every from 10:00 AM - 12:00 PM',
   'Mobile Apps for Education': '',
   'Open Labs inApril': '',
   'Open Labs inMarch': '',
   'Optimize your Face to Face Time': '',
   'Optimizing WebEx in your Class': '',
   'Quality Matters - Dig Deeper': '',
   'TBD': '',
   'Thursday': 'Every from 2:00 PM - 4:00 PM',
   'Tuesday': 'Every from 12:00 PM - 2:00 PM'}
  Email sent!
  Process finished with exit code 0
```

# Inference:

- Able to retrieve the workshop title and scheduled information; but, some contents are not proper.
- The content mismatch is because the website html tags usage are inconsistent

Thank you so much for viewing this working demo sheet.

Hope you got an idea of how this application works.

Highly appreciate the feedbacks if any.

Thanks & Regards,
Vivek Vellaiyappan Surulimuthu
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<a href="vivekvellaiyappans@gmail.com">vivekvellaiyappans@gmail.com</a>