



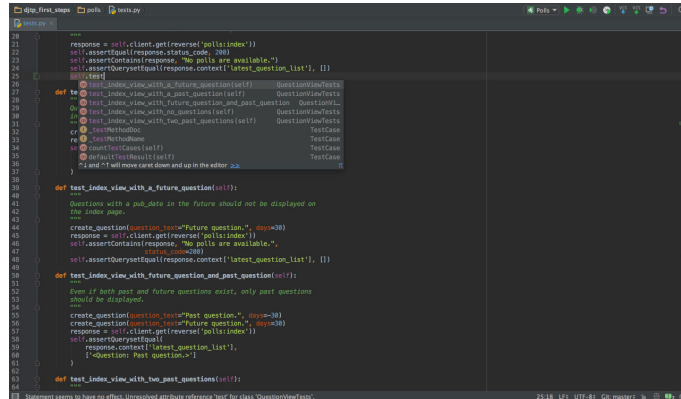
## Software Installation

### Software Install: Python 3.6 x64

- <https://www.python.org/>
- <https://www.python.org/downloads/windows/>
- **Python 3.6.0 - 2016-12-23**
- Download Windows x86-64 executable installer
- Run IDLE
- **Confirm 3.6 x64**
- **Documents:**
- <https://docs.python.org/3/download.html>

# PyCharm Python IDE

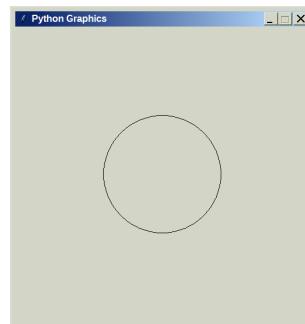
- <https://www.jetbrains.com/pycharm/>
- Free 1 year student license (Community)
- Use ECU e-mail account



```
20 response = self.client.get(reverse('polls:index'))
21 self.assertEqual(response.status_code, 200)
22 self.assertContains(response, 'No polls are available.')
23 self.assertQuerysetEqual(response.context['latest_question_list'], [])
24
25 def test_index_view_with_a_future_question(self):
26     """
27     Test index view with a future question.
28     """
29     create_question(question_text='Future question.', days=30)
30     response = self.client.get(reverse('polls:index'))
31     self.assertContains(response, 'No polls are available.')
32     self.assertQuerysetEqual(response.context['latest_question_list'], [])
33
34 def test_index_view_with_a_future_question_and_past_question(self):
35     """
36     Test index view with a future question and a past question.
37     """
38     create_question(question_text='Future question.', days=30)
39     create_question(question_text='Past question.', days=-30)
40     response = self.client.get(reverse('polls:index'))
41     self.assertQuerysetEqual(response.context['latest_question_list'],
42                             ['<question: Past question.>'])
43
44 def test_index_view_with_two_past_questions(self):
45     """
46     Test index view with two past questions.
47     """
48     create_question(question_text='Past question.', days=-30)
49     create_question(question_text='Past question.', days=-30)
50     response = self.client.get(reverse('polls:index'))
51     self.assertQuerysetEqual(response.context['latest_question_list'],
52                             ['<question: Past question.>'])
```

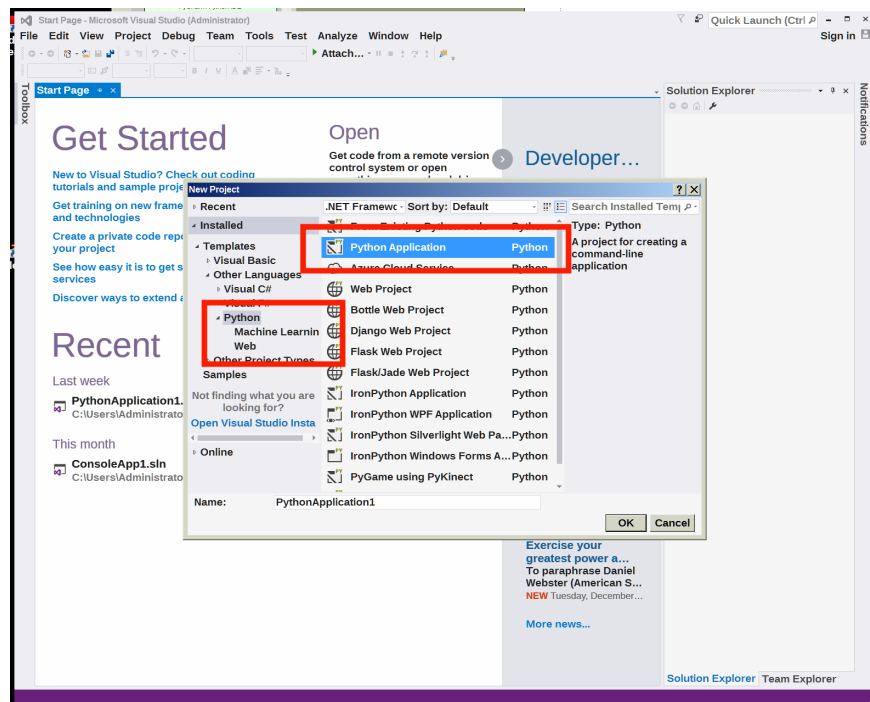
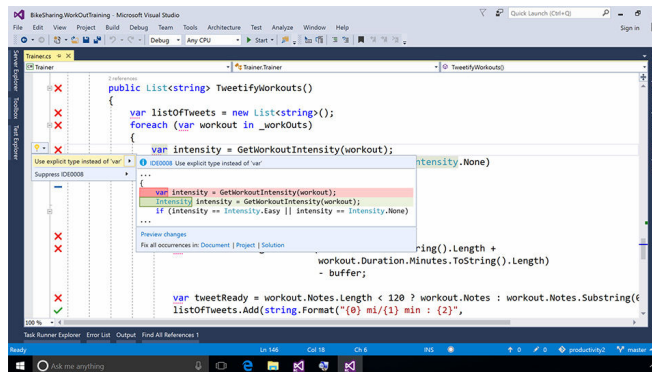
# Confirm Installs and Graphics

- *In BlackBoard*
- To confirm your Python installation and graphics, you can run the BlackBoard attached graphics code.
- Select the **GraphicsDemo.py** file as the startup object, you should see a new window with a circle when it runs.
- The graphics.py file is a module support file.



# Visual Studio RC2017

- <https://www.visualstudio.com/vs/visual-studio-2017-rc/>
- 6 month student license
- Use ECU e-mail account
- Select Python and VB install options



## VS 3D Graphics

- Several DLLs and Type Libraries.
- To be posted later in the week.
- Enables 3D graphics.

7

## Tomb Escape

- Hardware 3D
- Sound
- Text to Speech
- Custom Maps
- Customizable

