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An Introduction to Interactive Programming in Python

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This course utilized an online Python interpreter/IDE called CodeSkulptor, created by one of the instructors, to write, run, and save code for assignments. It was and remains a fantastic resource, enabling peer review of code for the course and acting as a simple repository.

URLs for my assignment submissions appear below, and as of this writing (July 2015), are still available, accessible, and able to be run. I have not provided full assignment specifications, since this material is still being used for coursera.org courses, thought it has since been split into two shorter courses.

Assignments by week:

Week 1: Rock-Paper-Scissors-Lizard-Spock
working URLs:
http://www.codeskulptor.org/#user10_zYwHhnyZ6QkbrqS.py   (provided template)
http://www.codeskulptor.org/#user10_OyQxnFiFWOiL2dS.py

Final submission URL:
http://www.codeskulptor.org/#user10_QqGbhl62Pvm25ls.py

Week 2: Guess the Number
working URLs:
http://www.codeskulptor.org/#user11_KEgBoecnBGeIpnW.py   (provided template)
http://www.codeskulptor.org/#user11_bdYNPFBSY1_3.py
http://www.codeskulptor.org/#user11_XEtybKSycN3PeGY_8.py
http://www.codeskulptor.org/#user11_XEtybKSycN3PeGY_8.py
http://www.codeskulptor.org/#user11_XEtybKSycN3PeGY_14.py
http://www.codeskulptor.org/#user11_UnHrYuAX9TcEdS2_1.py

Final submission URL:
http://www.codeskulptor.org/#user11_hF5HwsJUbmtybgX.py

Week 3: Stopwatch: The Game

A simple game of trying to stop a stopwatch exactly on the whole second
working URLs:

http://www.codeskulptor.org/#user12_Wbj8hwAxQxPC2aW.py   (provided template)
http://www.codeskulptor.org/#user12_Wbj8hwAxQxPC2aW_0.py
http://www.codeskulptor.org/#user12_mTGY5Ze7wcm8uta.py
http://www.codeskulptor.org/#user12_mTGY5Ze7wcm8uta_2.py
http://www.codeskulptor.org/#user12_mTGY5Ze7wcm8uta_3.py
http://www.codeskulptor.org/#user12_mTGY5Ze7wcm8uta_4.py
http://www.codeskulptor.org/#user12_mTGY5Ze7wcm8uta_5.py
http://www.codeskulptor.org/#user12_mTGY5Ze7wcm8uta_6.py

Final submission URL:
http://www.codeskulptor.org/#user12_dmjxH03UXKBJasr.py

Week 4: Pong

The classic video tennis game
working URLs:

http://www.codeskulptor.org/#user13_pHADFkxGuYJrkgZ.py   (provided template)
http://www.codeskulptor.org/#user13_ktuCQgVqFCO7HBh_1.py
http://www.codeskulptor.org/#user13_ktuCQgVqFCO7HBh_2.py
http://www.codeskulptor.org/#user13_ktuCQgVqFCO7HBh_6.py
http://www.codeskulptor.org/#user13_uK4gYa5QaM_0.py
http://www.codeskulptor.org/#user13_uK4gYa5QaM_2.py
http://www.codeskulptor.org/#user13_uK4gYa5QaM_3.py
http://www.codeskulptor.org/#user13_uK4gYa5QaM_4.py
http://www.codeskulptor.org/#user13_uK4gYa5QaM_5.py
http://www.codeskulptor.org/#user13_uK4gYa5QaM_6.py
http://www.codeskulptor.org/#user13_uK4gYa5QaM_7.py
http://www.codeskulptor.org/#user13_uK4gYa5QaM_8.py
http://www.codeskulptor.org/#user13_uK4gYa5QaM_9.py
http://www.codeskulptor.org/#user13_uK4gYa5QaM_12.py
http://www.codeskulptor.org/#user13_uK4gYa5QaM_13.py
http://www.codeskulptor.org/#user13_uK4gYa5QaM_14.py
http://www.codeskulptor.org/#user13_uK4gYa5QaM_15.py
http://www.codeskulptor.org/#user13_uK4gYa5QaM_16.py
http://www.codeskulptor.org/#user13_uK4gYa5QaM_17.py

Final submission URL:
http://www.codeskulptor.org/#user13_TdO0BSJHaBJynip.py

Week 5: Memory (card game)

A simple version of the Memory card game, using a double deck of cards numbered 0-7

http://www.codeskulptor.org/#user14_ROKuhF5niClmWOb.py   (provided template)
http://www.codeskulptor.org/#user14_ROKuhF5niClmWOb_0.py
http://www.codeskulptor.org/#user14_ROKuhF5niClmWOb_1.py
http://www.codeskulptor.org/#user14_ROKuhF5niClmWOb_2.py
http://www.codeskulptor.org/#user14_ROKuhF5niClmWOb_3.py
http://www.codeskulptor.org/#user14_ROKuhF5niClmWOb_4.py
http://www.codeskulptor.org/#user14_ROKuhF5niClmWOb_5.py
http://www.codeskulptor.org/#user14_ROKuhF5niClmWOb_6.py
http://www.codeskulptor.org/#user14_ROKuhF5niClmWOb_7.py
http://www.codeskulptor.org/#user14_ROKuhF5niClmWOb_8.py
http://www.codeskulptor.org/#user14_ROKuhF5niClmWOb_9.py
http://www.codeskulptor.org/#user14_TLVj1wro7BeJI1p.py
http://www.codeskulptor.org/#user14_TLVj1wro7BeJI1p_0.py
http://www.codeskulptor.org/#user14_TLVj1wro7BeJI1p_1.py
http://www.codeskulptor.org/#user14_TLVj1wro7BeJI1p_2.py
http://www.codeskulptor.org/#user14_OcejSHxABovPp2d.py
http://www.codeskulptor.org/#user14_OcejSHxABovPp2d_0.py
http://www.codeskulptor.org/#user14_OcejSHxABovPp2d_1.py
http://www.codeskulptor.org/#user14_OcejSHxABovPp2d_2.py
http://www.codeskulptor.org/#user14_OcejSHxABovPp2d_3.py
http://www.codeskulptor.org/#user14_oHBEITsKE2L1Ei6.py
http://www.codeskulptor.org/#user14_oHBEITsKE2L1Ei6_0.py
http://www.codeskulptor.org/#user14_oHBEITsKE2L1Ei6_1.py

Final submission URL:
http://www.codeskulptor.org/#user14_phJoPRnerzFZfvt.py

Week 6: BlackJack

A simple BlackJack implementation without wagers or splits or other fancy things

http://www.codeskulptor.org/#user15_vuSysr5FTxKKDBh.py   (provided template)
http://www.codeskulptor.org/#user15_vuSysr5FTxKKDBh_0.py
http://www.codeskulptor.org/#user15_vuSysr5FTxKKDBh_1.py
http://www.codeskulptor.org/#user15_vuSysr5FTxKKDBh_2.py
http://www.codeskulptor.org/#user15_vuSysr5FTxKKDBh_3.py
http://www.codeskulptor.org/#user15_ao9BCPTtf97XI9s.py
http://www.codeskulptor.org/#user15_ao9BCPTtf97XI9s_0.py
http://www.codeskulptor.org/#user15_ao9BCPTtf97XI9s_1.py
http://www.codeskulptor.org/#user15_ao9BCPTtf97XI9s_2.py
http://www.codeskulptor.org/#user15_ao9BCPTtf97XI9s_3.py
http://www.codeskulptor.org/#user15_ao9BCPTtf97XI9s_4.py
http://www.codeskulptor.org/#user15_ao9BCPTtf97XI9s_5.py

http://www.codeskulptor.org/#user15_ao9BCPTtf97Xl9s_6.py
http://www.codeskulptor.org/#user15_ao9BCPTtf97Xl9s_7.py
http://www.codeskulptor.org/#user15_ao9BCPTtf97Xl9s_10.py
http://www.codeskulptor.org/#user15_ao9BCPTtf97Xl9s_17.py
http://www.codeskulptor.org/#user15_ao9BCPTtf97Xl9s_20.py
http://www.codeskulptor.org/#user15_ao9BCPTtf97Xl9s_22.py

Final submission URL:
http://www.codeskulptor.org/#user15_ZElAVmVaF2TbAC2.py

Week 7: Spaceship

preparation for Rice Rocks, an Asteroids-like game
working URLs:
http://www.codeskulptor.org/#user16_LCFv0ID6sK_0.py   (provided template)
http://www.codeskulptor.org/#user16_LCFv0ID6sK_4.py
http://www.codeskulptor.org/#user16_LCFv0ID6sK_5.py
http://www.codeskulptor.org/#user16_LCFv0ID6sK_6.py
http://www.codeskulptor.org/#user16_LCFv0ID6sK_11.py
http://www.codeskulptor.org/#user16_LCFv0ID6sK_13.py
http://www.codeskulptor.org/#user16_LCFv0ID6sK_14.py
http://www.codeskulptor.org/#user16_LCFv0ID6sK_19.py
http://www.codeskulptor.org/#user16_7nyU8cVQ7ZG47Vb.py
http://www.codeskulptor.org/#user16_7nyU8cVQ7ZG47Vb_0.py
http://www.codeskulptor.org/#user16_7nyU8cVQ7ZG47Vb_3.py
http://www.codeskulptor.org/#user16_7nyU8cVQ7ZG47Vb_4.py
http://www.codeskulptor.org/#user16_7nyU8cVQ7ZG47Vb_5.py
http://www.codeskulptor.org/#user16_7nyU8cVQ7ZG47Vb_6.py
http://www.codeskulptor.org/#user16_cX39NBpDgp_0.py
http://www.codeskulptor.org/#user16_cX39NBpDgp_2.py
http://www.codeskulptor.org/#user16_cX39NBpDgp_3.py
http://www.codeskulptor.org/#user16_cX39NBpDgp_4.py
http://www.codeskulptor.org/#user16_cX39NBpDgp_5.py
http://www.codeskulptor.org/#user16_XRRQcKrMz3DVDCf.py
http://www.codeskulptor.org/#user16_XRRQcKrMz3DVDCf_0.py

Final submission URL:
http://www.codeskulptor.org/#user16_tY9hZxJOWb1FF8Z.py

Week 8: Rice Rocks

an Asteroids-like game

http://www.codeskulptor.org/#user16_eJCoSKdctrBifhT.py   (Copy of provided template)

Submitted previous project (full marks):
http://www.codeskulptor.org/#user16_tY9hZxJOWb1FF8Z.py

working URLs:
http://www.codeskulptor.org/#user16_tY9hZxJOWb1FF8Z_0.py
http://www.codeskulptor.org/#user16_tY9hZxJOWb1FF8Z_1.py
http://www.codeskulptor.org/#user16_tY9hZxJOWb1FF8Z_2.py
http://www.codeskulptor.org/#user16_tY9hZxJOWb1FF8Z_3.py
http://www.codeskulptor.org/#user16_74Y2R6P6Mg81b6k_0.py
http://www.codeskulptor.org/#user16_74Y2R6P6Mg81b6k_1.py
http://www.codeskulptor.org/#user16_74Y2R6P6Mg81b6k_2.py
http://www.codeskulptor.org/#user16_74Y2R6P6Mg81b6k_3.py
http://www.codeskulptor.org/#user16_74Y2R6P6Mg81b6k_4.py
http://www.codeskulptor.org/#user16_BFlm5818OhGe7XX.py
http://www.codeskulptor.org/#user16_BFlm5818OhGe7XX_0.py
http://www.codeskulptor.org/#user16_osvtikx3cZsqAq7.py
http://www.codeskulptor.org/#user16_osvtikx3cZsqAq7_0.py

Final submission URL:
http://www.codeskulptor.org/#user16_RLvqXeN7EeTiagw.py