Learn Python the Fun Way

Liana Bakradze

liana.bakradze@jetbrains.com
 @med_vector

About Me





Saint Petersburg

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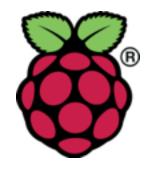
Learn Python Resources







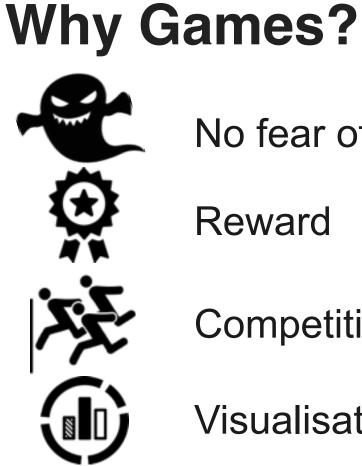












No fear of failure

Reward

Competition

Visualisation

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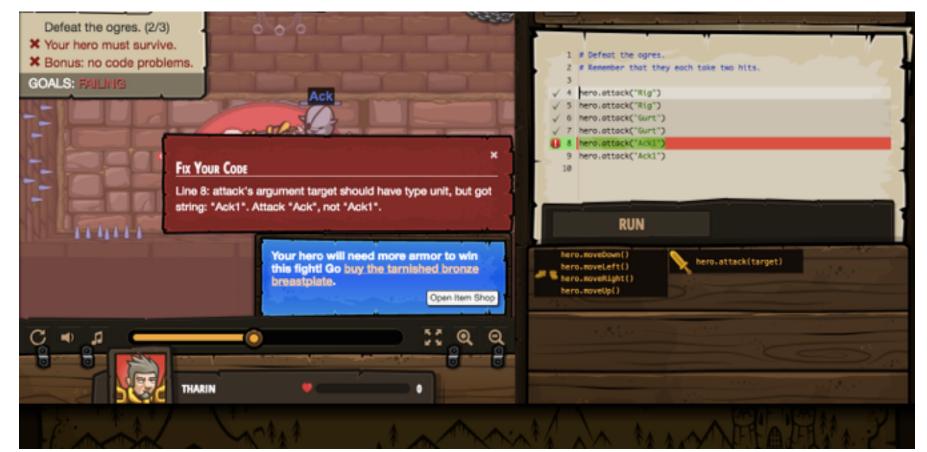




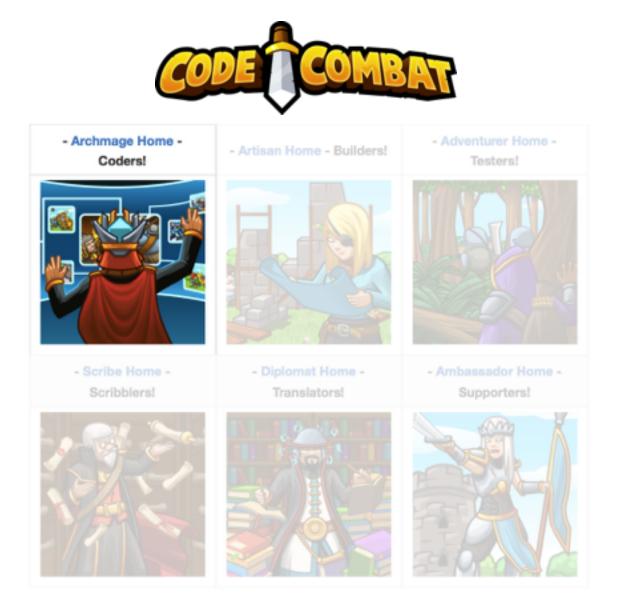


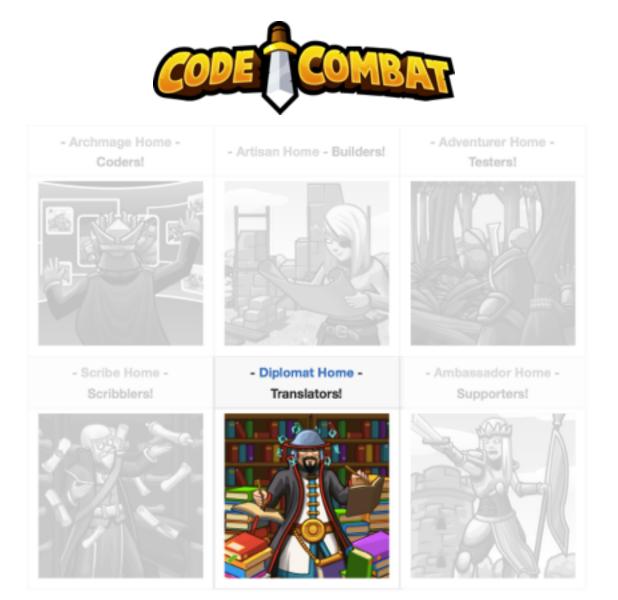


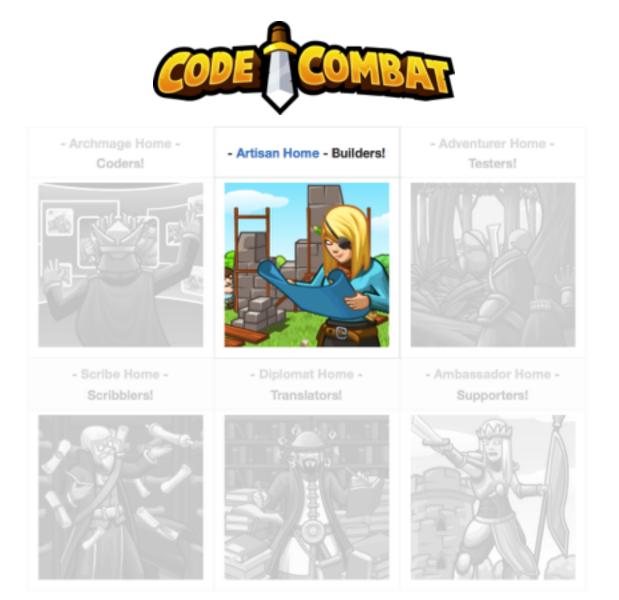




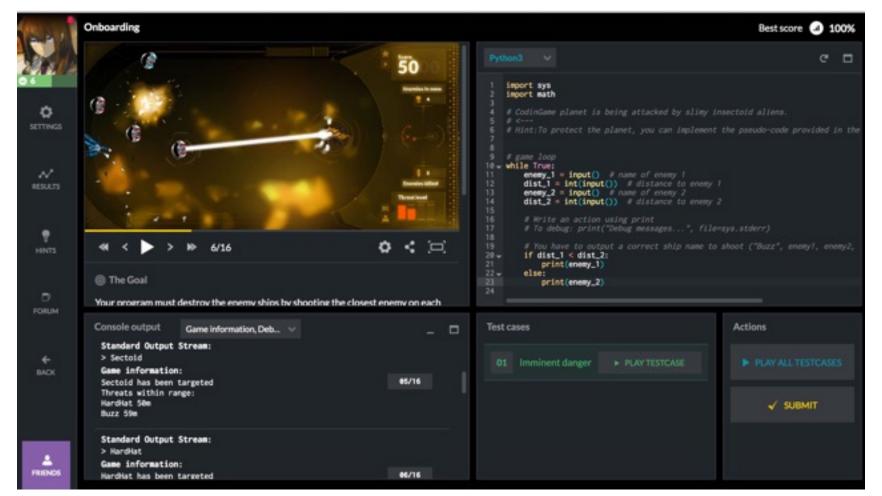




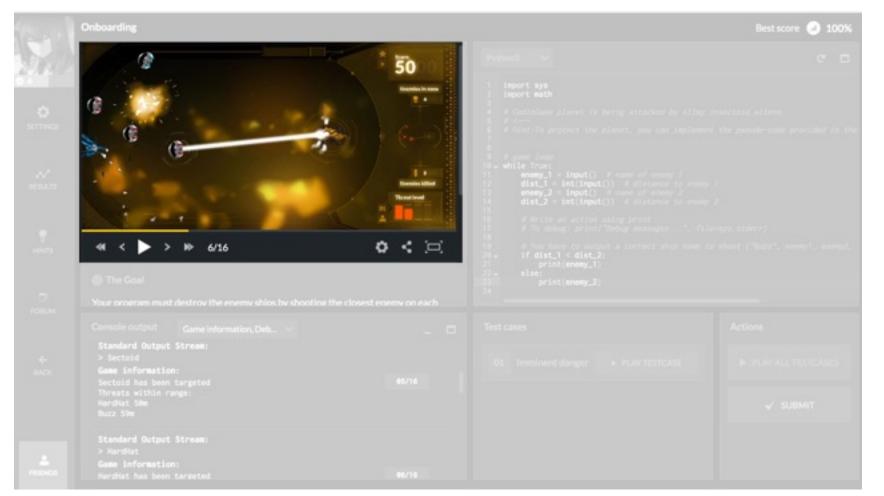




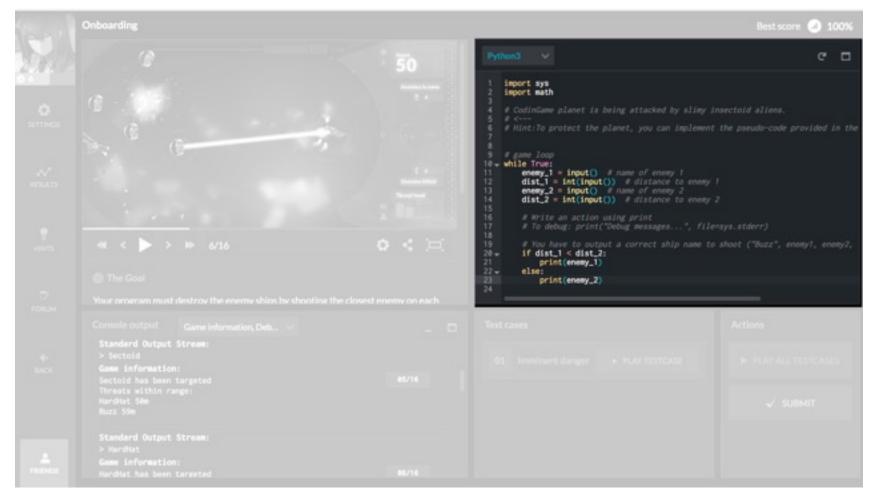
CodinGame



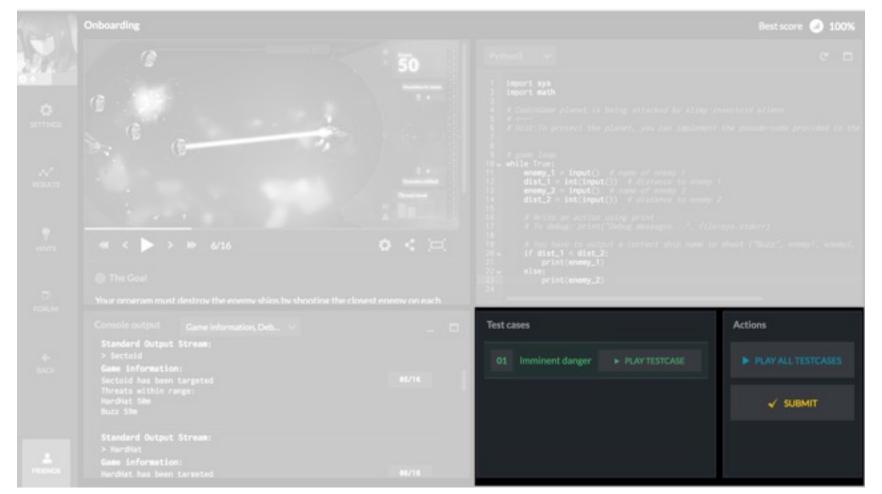
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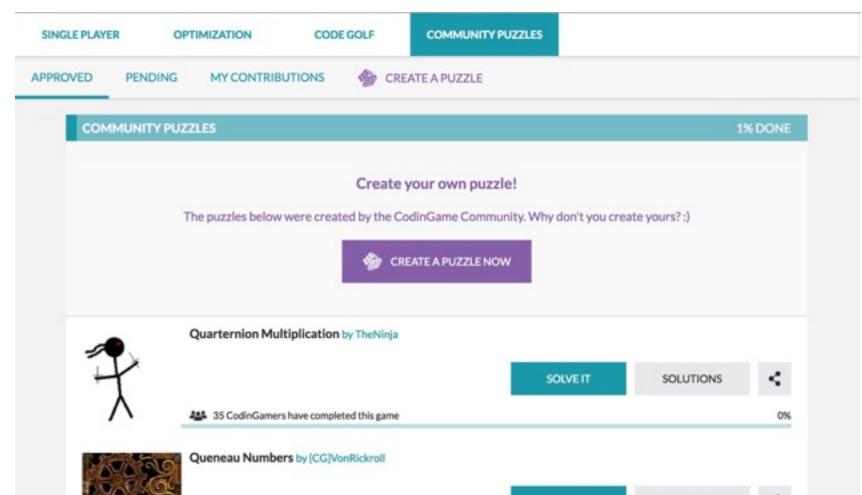




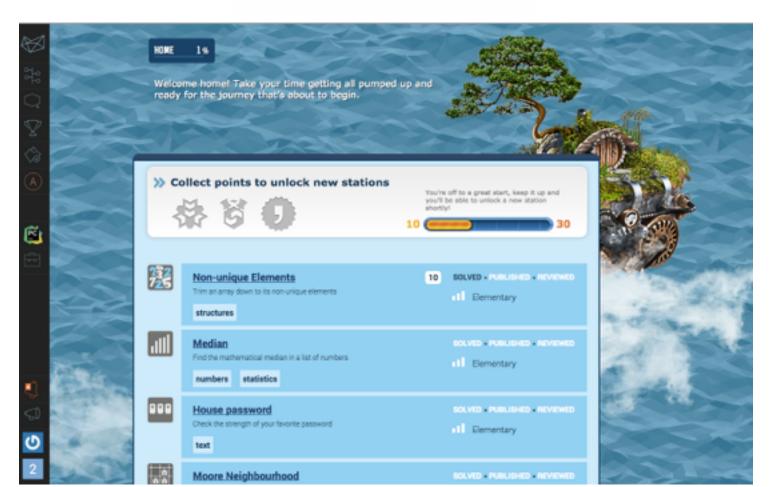
CodinGame

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P HINTS	אַ < ►> >> 16/16 <	> < ⊨	16	a To if di else:	<pre>n have to outp ist_1 < dist_2 print(enemy_1)</pre>	("Debug messages", nut a correct ship nam h	file=sys.stderr) me to shoot ("Buzz", e	neny1, eneny2,
D FORUM	Your program must destroy the enemy ships by shooting the closest en	nemy on each		<u> </u>	a sur (energi_s)			
4	Console output Game Information, ActL. V > Hitbot Game information:	-		t cases	ent danger	PLAY TESTCASE	Actions	TESTCASES
BACK	Hitbot has been targeted Threats within range: DangerDart 35m	12/10			iene oanger		✓ SL	
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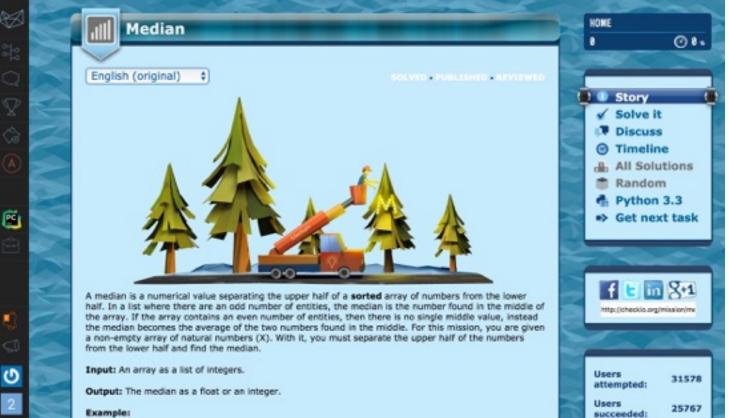












Example:



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<pre>1 def checkio(data): 2 #replace this for solution 4 return data(8) 5 #These 'asserts' using only for self-checking and not necessary for auto-testing 16 </pre>	Check results A median is a numerical value separating the upper half of a sorted anyo of numbers from the lower half, in a list where there are an odd number of entities, the median is the number found in the middle of the array, of numbers found in the middle. For this mission, you are given a num empty array of natural numbers (N), With X, you must separate the upper half of the numbers found in the middle. For this mission, you are given a num empty array of natural numbers (N). With X, you must separate the upper half of the numbers from the lower half and find the median. Anarray as a list of integers. Output: The meclan as a foat or an integer. Precondition: 1 < len(foral) \$\$ 1000 al(0 \$\$ x < 10 ** 6 for x in dota) LianaBlakradze T have no idea how to start solving this mission Explain As first you need to define the length of the array. You can use the built-in function leng(). LianaBlakradze
Aufjault (Prythian consolie)	I need some help to proceed with the mission
Click an "Run Gode" to view results or Cts1 + / Click an "Save" to save your mode or Cts1 + 3	Bryukh Who the builtin operator "modulus" you can define if a number even or odd. If n % 2 == 1; f odd LianaBakradice I am gone half way through. Need help! Bryukh If you are using python3, then don't forget that "/" is a real division, "//" is an integer division. LianaBakradice I am stuck. I need a small here. Bryukh Don't longet to sort the array.



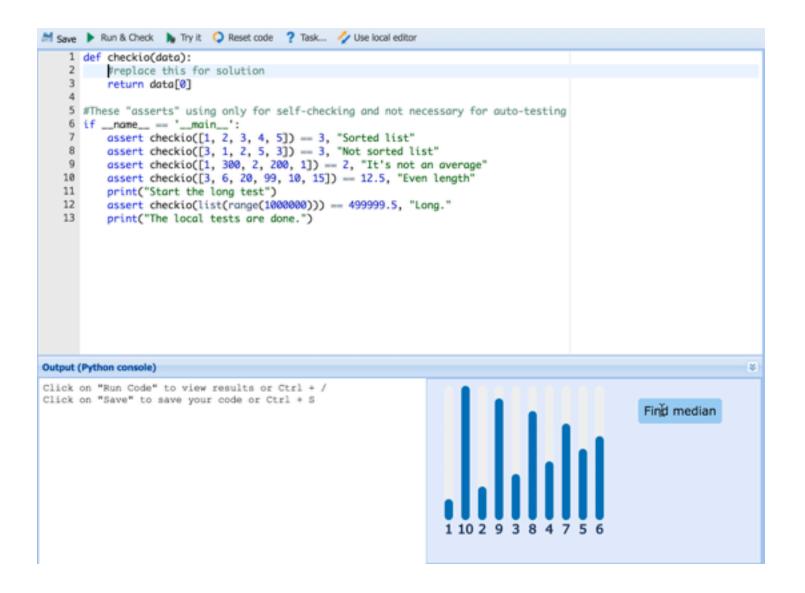
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M Save IF Run & Check Iby Try It 🔾 Reset code 📪 Tank	
<pre>i def checkie(data): #replace this for solution return dona[0] 5 5 6 #These "asserts" using only for self-checking and not necessary for auto-testing 7 if</pre>	Check results \square A median is a numerical value separating the upper half of a sorted array of numbers from the lower half. In a list where there are an odd number of entities, the median is the number found in the middle of the array. If the array contains an even number of entities, then there is no single middle whue, instead the median becomes the average of the two numbers found in the middle. For this mission, you are given a non-empty array of natural numbers (70,110,100,100,100,100,100,100,100,100,1
Output (Pythen console) Click on "Num Code" to view results or Ctsl + / Click on "Save" to save your code or Ctsl + S	Lianualitakrandee I have no idea how to start solving this mission Brywith As first you need to define the length of the array. You can use the built-in function len(). Lianualitakrandee I need some help to proceed with the mission Brywith With the builtin operator "modulus" you can define if a number even or odd. if n % 2 == is if odd
11029384756	Users@ekradoe I am gone half way through. Need help! Brywh 3' you are using python3, then don't forget that "/" is a real division, "//" is an integer division. User@ekradoe I am stuck. I need a small him. Brywhh Don't forget to sert the array.



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<pre>i def checkie(deta): #replace this far solution reture dota[0] #These "asserts" using only far self-checking and not necessary far auto-testing ifnome = 'muis': assert checkie([3, 2, 3, 4, 5]) = 3, "Serted list" assert checkie([3, 2, 3, 4, 5]) = 3, "Net sorted list" assert checkie([3, 100, 2, 200, 1]) = 2, "It's not an average" assert checkie([3, 6, 20, 99, 120, 15]) = 12.5, "Even length" prist("Start the long test") assert checkie([1, range(1000000))) = 499999.5, "Long." prist("The local tests are done.")</pre>	Check results = A median is a numerical value separating the upper half of a sorted array of numbers from the lower half. In a list where there are an old number of entities, the median is the number found in the middle of the array. If the array contains an even number of entities, then there is no single middle value, instead the median becomes the average of the two numbers found in the middle. For this mission, you are given a non-empty array of natural numbers (0), with it, you must separate the upper half of the numbers from the lower half and find the median. Englet: An array as a list of integers. Output: The median as a float or an integer. Precondition: 1 < len(osta) \$ 1000 al(0 \$ \$ x < 10 ** 6 for x in data)
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	LianaBakradoe I am gone hell way through. Need help! bryubl 21 you are using python3, then don't forget that "/" is a real division, "//" is an integer division. LianaBakradoe I am stuck. I need a small hint. bryubh Don't forget to sort the array.



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(79 commits	1/2 1 branch	⊙ o releases	බා 3 contributors
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Bryukh Change jscolors			Latest commit 459991f on Jan 14, 2015
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werification	small referee tests adjustments		3 years ago
gitignore	Fix error handling with new data		3 years ago
README.md	Update README.md		3 years ago

README.md

checkio-task-template

Conclusion

- 3 great projects
- try yourself
- contribute
- invent something cool



Thank You!

Liana Bakradze

liana.bakradze@jetbrains.com
 @med_vector