

Randomness

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Code	Screen clipping	Comments - What happens?
<pre>import random number=random.random() print(number)</pre>		
<pre>import random number=random.randint(0,100) print(number)</pre>		
<pre>import random names=["Bob", "Bill", "Bernard", "Betty"] person=random.choice(names) print(person)</pre>		
<pre>import random names=["Herbie", "Gerty", "Albert", "Freddy", "Betty", "Collie", "Derek"] random.shuffle(names) print(names)</pre>		
<pre>from random import randint print(randint(0,10)) print(random())</pre>		

Challenges

Number	Challenge	Code
1	<p>Number Guess</p> <p>Write a program to:</p> <ul style="list-style-type: none"> • Generate a random number between 0-10 with the variable name 'number' • Allow the player to input a guess - variable name 'guess' • Tell the player if they have got it right or wrong 	
2	<ul style="list-style-type: none"> • Extend the number guess program to allow the player to guess until they get it right • Count how many attempts it takes 	
3	<p>Coin Flip</p> <ul style="list-style-type: none"> • Create a list with elements 'heads' and 'tails'. • Pick a random element • Allow player to choose heads or tails • Compare user choice with randomly selected element and return appropriate message 	
4	<p>Free choice! Develop the skills in a program of your choice.</p>	