|  |
| --- |
| **Quiz 1 The Basics**  **1. An identifier cannot begin with a number. Which of the following is NOT a valid identifier?**   * num * \_num * NUM * https://www.tynker.com/image/ui/icn-progress-completed.png1num\_   **2. An identifier can begin with an underscore (“\_”).**   * https://www.tynker.com/image/ui/icn-progress-completed.pngTrue * False   **3. An identifier can begin with a number.**   * True * https://www.tynker.com/image/ui/icn-progress-completed.pngFalse   **4. In Python, an identifier may begin with an underscore or a letter. Which of the following is a valid identifier? Select all that apply.**   * https://www.tynker.com/image/ui/icn-progress-completed.png\_total * 2\_count * https://www.tynker.com/image/ui/icn-progress-completed.pngNUM\_COUNT * https://www.tynker.com/image/ui/icn-progress-completed.pngdollar\_sign   **5. Which of the following is a valid function call?**   * forwad) * tu-left() * https://www.tynker.com/image/ui/icn-progress-completed.pngforward() * forward(;   **6. Select the following function calls that are invalid.**   * https://www.tynker.com/image/ui/icn-progress-completed.pngford)( * https://www.tynker.com/image/ui/icn-progress-completed.png$forDS() * forward() * turn\_left()   **7. How would you call a function called “myFunction”?**   * Call myFunction() * myFunction * myFunction)) * https://www.tynker.com/image/ui/icn-progress-completed.pngmyFunction()   **8. Identifiers in Python are case-sensitive.**   * https://www.tynker.com/image/ui/icn-progress-completed.pngTrue * False   **9. 78090 is a valid identifier in Python.**   * True * https://www.tynker.com/image/ui/icn-progress-completed.pngFalse   **10. Select the statements that contain errors.**   * forward() * take\_a\_knee * https://www.tynker.com/image/ui/icn-progress-completed.pngforward(() * https://www.tynker.com/image/ui/icn-progress-completed.pngforward{}   **11. Select the following invalid identifiers. (Identifiers are only allowed to start with an underscore or letter.)**   * https://www.tynker.com/image/ui/icn-progress-completed.png&ident * https://www.tynker.com/image/ui/icn-progress-completed.png1ident * \_ident * https://www.tynker.com/image/ui/icn-progress-completed.png-ident   **12. How would you move an object forward 3 times?**   * https://www.tynker.com/image/ui/icn-progress-completed.png * forward() * forward() * forward() * forward() \* 3 * Call\_forward() 3 times * forward() {3}   **13. You are not able to call the same function twice in a row.**   * True * https://www.tynker.com/image/ui/icn-progress-completed.pngFalse   **14. You can replace the parentheses on a function call with square brackets.**   * True * https://www.tynker.com/image/ui/icn-progress-completed.pngFalse   **15. The parentheses at the end of a function call are optional.**   * True * https://www.tynker.com/image/ui/icn-progress-completed.pngFalse   **16. Which of the following is the correct way to start a multi-line comment?**   * https://www.tynker.com/image/ui/icn-progress-completed.png''' * /\* * # * //   **17. Both of the following are valid ways to comment code:**  #hello  #world  '''hello  world'''   * https://www.tynker.com/image/ui/icn-progress-completed.pngTrue * False   **18. Which of the following comments are correct? Select all that apply.**   * // hello * https://www.tynker.com/image/ui/icn-progress-completed.png   # hello   * /\*he * llo \*/ * //he * llo//   **19. Commented lines affect the execution of your program.**   * True * https://www.tynker.com/image/ui/icn-progress-completed.pngFalse   **20. What is the error in this code?**  '''  This function does something  '''  def foo() :  print("hello world") ''' print a message   * https://www.tynker.com/image/ui/icn-progress-completed.pngThe single line comment must use # instead of ''' * The end to the multi-line comment cannot be on its own line * The beginning and end of the multi line comments are incorrect * All answers are errors in the code |
| **Quiz # 2 Loops and Patterens**  **Quiz**  **1. How far will the character move using the following code?**  for i in range(1,5) :  forward()   * 3 * https://www.tynker.com/image/ui/icn-progress-completed.png4 * 5 * 6   **2. Which "for" loop will move a ship 5 times?**   * for i in range(1,5) : * forward() * https://www.tynker.com/image/ui/icn-progress-completed.png * for i in range(5) : * forward() * for i in range(1,3) : * forward() * for i in range(2,5) : * forward()   **3. The following "for" loop has correct syntax.**  for rang(1,1) :  forward()   * True * https://www.tynker.com/image/ui/icn-progress-completed.pngFalse   **4. How many times will “function1” be called?**  for i in range(10) :  for j in range(10) :  function1()     * 25 * 20 * 50 * https://www.tynker.com/image/ui/icn-progress-completed.png100   **5. Which is the correct syntax to make a "for" loop run for all numbers from 0 to 10?**   * for i in range(1,10) : * for i in range(10) : * for i in range(-10) : * https://www.tynker.com/image/ui/icn-progress-completed.pngfor i in range(11) :   **6. The following loop will go from i = 5 to i = 1.**  for i in range(5,0,-1)   * https://www.tynker.com/image/ui/icn-progress-completed.pngTrue * False   **7.**  Which of the following will print all even numbers 2 through 10?  Mark all that apply.   * for (i = 2; i < 10; i++) { * print(i); * } * https://www.tynker.com/image/ui/icn-progress-completed.png * for i in range(2,12,2) : * print(i) * for i in range(2,10,2) : * print(i) * for i in range(2,12,1) : * print(i)   **8. The following code will print "hello" 25 times.**  for i in range(5) :  for i in range(5) :  print("hello")     * https://www.tynker.com/image/ui/icn-progress-completed.pngTrue * False   **9. "For" loops can increment upwards or downwards.**   * https://www.tynker.com/image/ui/icn-progress-completed.pngTrue * False   **10. Choose the following "for" loops that repeat 5 times.**   * https://www.tynker.com/image/ui/icn-progress-completed.pngfor i in range(5) * for i in range(1,5) * https://www.tynker.com/image/ui/icn-progress-completed.pngfor i in range(5,10) * for i in range(10,2)   **11. Select the invalid "for" loops.**   * for i in range(5) : * https://www.tynker.com/image/ui/icn-progress-completed.pngfor 2 in range(5) : * https://www.tynker.com/image/ui/icn-progress-completed.pngfor i in range() : * for i in range(5,-1) :   **12. How many times will the following "for" loop execute?**  for i in range(10,5,-1) :   * 20 * 10 * https://www.tynker.com/image/ui/icn-progress-completed.png5 * 0   **13. Which of the following is properly indented code?**   * https://www.tynker.com/image/ui/icn-progress-completed.png * for i in range(10,5,-1) : * forward() #should be inside loop * turn\_right() # should be inside loop * forward() #should be outside loop * for i in range(10,5,-1) : * forward() #should be inside loop * turn\_right() # should be inside loop * forward() #should be outside loop * for i in range(10,5,-1) : * forward() #should be inside loop * turn\_right() # should be inside loop * forward() #should be outside loop * for i in range(10,5,-1) : * forward() #should be inside loop * turn\_right() # should be inside loop * forward() #should be outside loop   **14. Why should you indent your code?**   * In Python, the program’s execution changes based on whether you indent or not * Code that is not indented properly will produce syntax errors * It is much easier to read indented code * https://www.tynker.com/image/ui/icn-progress-completed.pngAll of the above |
|  |
|  |
|  |
|  |
|  |
|  |