# Learning python – Assessment Bank

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\*\*Learning Python: Variables - Remember Level MCQs\*\*  
  
1. \*\*Which of the following is a valid Python variable name?\*\*  
 a) 1st\_variable  
 b) my-variable  
 c) my\_variable  
 d) my variable  
  
  
2. \*\*What is the purpose of a variable in Python?\*\*  
 a) To store a fixed value that cannot be changed.  
 b) To represent a specific data type.  
 c) To store and manipulate data.  
 d) To define a function.  
  
  
3. \*\*What happens when you assign a value to a variable that already exists?\*\*  
 a) An error occurs.  
 b) The old value is overwritten with the new value.  
 c) A new variable with the same name is created.  
 d) The program ignores the new assignment.  
  
  
4. \*\*In Python, which symbol is used to assign a value to a variable?\*\*  
 a) =  
 b) ==  
 c) :=  
 d) <-  
  
  
5. \*\*What data type is assigned to the variable `x` after the following statement: `x = 10`?\*\*  
 a) String  
 b) Float  
 c) Integer  
 d) Boolean  
  
  
6. \*\*Which of the following is an example of a valid Python variable assignment?\*\*  
 a) `myVar = "hello"`  
 b) `123 = myVar`  
 c) `my var = 10`  
 d) `myVar := 10`  
  
  
7. \*\*What is the output of the following code? `my\_string = "Hello"; print(my\_string)`\*\*  
 a) An error message  
 b) `my\_string`  
 c) `Hello`  
 d) Nothing  
  
  
8. \*\*A variable name in Python can start with which of the following?\*\*  
 a) A number  
 b) A special character (e.g., !)  
 c) An underscore (\_)  
 d) A space  
  
  
9. \*\*What is the term for the process of giving a name and assigning a value to a storage location in memory?\*\*  
 a) Function definition  
 b) Variable declaration  
 c) Data type conversion  
 d) Loop iteration  
  
  
10. \*\*What will happen if you try to use a variable that hasn't been assigned a value?\*\*  
 a) The program will automatically assign a default value.  
 b) The program will continue to run without issue.  
 c) A `NameError` will occur.  
 d) The program will print a warning message.  
  
  
\*\*Answer Key:\*\*  
1. c  
2. c  
3. b  
4. a  
5. c  
6. a  
7. c  
8. c  
9. b  
10. c

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