Let me check

Task 1 . Matching task

|  |  |  |
| --- | --- | --- |
| I would use... |  | whenever I want to... |
| 1. input 2. print 3. while 4. if 5. = |  | 1. perform actions repeatedly 2. display to the screen 3. check a condition, to select which actions to perform 4. read from the keyboard 5. assign a value to a variable |

**Answers**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 |  | 2 |  | 3 |  | 4 |  | 5 |  |

Task 2 . Walkthrough

**Read** the Python program below:

Note: There may be errors in the program and/or it may not behave as expected.

|  |  |
| --- | --- |
| 1  2  3  4 | a = int(input())  b = int(input())  avg = b + a / 2  print(avg) |

**Question**

When this program is executed, assuming the user types 12 and 2 on the keyboard, what will be displayed on the screen?

* 1. 2 + 12 / 2
  2. 13
  3. 7
  4. 8

|  |  |
| --- | --- |
| **Answer** |  |

Task 3 . Walkthrough

**Read** the Python program below:

Note: There may be errors in the program and/or it may not behave as expected.

|  |  |
| --- | --- |
| 1  2  3  4  5  6 | a = int(input())  b = int(input())  max = a  if b > max:  max = b  print(max) |

**Question**

When this program is executed, assuming the user types 12 and 2 on the keyboard, what will be displayed on the screen?

* 1. Nothing will be displayed on the screen
  2. 2
  3. 12
  4. max

|  |  |
| --- | --- |
| **Answer** |  |

Task 4 . Identify

Look at the Python program below:

Note: There may be errors in the program and/or it may not behave as expected.

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8 | a = int(input())  b = int(input())  avg = a + b / 2  print(avg)  max = a  if b > max:  max = b  print(max) |

|  |  |  |
| --- | --- | --- |
| List the **variables** in the program: |  |  |
| List the lines that contain **assignments**: |  |  |
| Identify an **arithmetic expression** in the program and copy it here: |  |  |
| Identify a Boolean expression (a **condition**) in the program and copy it here: |  |  |
| List the lines in the program that **may never be executed**: |  |  |

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