Homework 2

 Task 1 .

The partial program below creates a list of today’s tasks.

|  |  |
| --- | --- |
| 12 | tasks = ["Maths homework", "English homework",  "Practise music", "Tidy up room"] |

**Question 1:** What would the program output be if the lines below were added to it?

|  |  |
| --- | --- |
| 34 | for task in tasks: print(task) |

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

**Question 2:** Fill in the gap, so that the output of the program is any item in the tasks list that contains the text "homework".

|  |  |
| --- | --- |
| 345 | for task in tasks: if :  print(task) |

 Task 2 .

The program below creates a list of European cities.

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| --- | --- |
| 123456 | cities = ["Amsterdam", "Athens", "Belgrade", "Berlin", "Bern", "Bratislava", "Brussels", "Bucharest", "Budapest", "Copenhagen", "Dublin", "Helsinki", "Lisbon", "Ljubljana", "London", "Luxembourg"] |

**Question 1:** What would the program output be if the lines below were added to it?

|  |  |
| --- | --- |
| 34567 | var = 0for city in cities: if city[0] == "L": var = var + 1print(count)  |

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

**Question 2:** Fill in the gaps in the code below, so that the collection list eventually contains the names of all the cities where "e" is **not** the second letter.

|  |  |
| --- | --- |
|  | collection = .for city in cities: if : . print(collection)  |

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