2.

|  |
| --- |
| from datetime import datetime |
|  |  |
|  | a = datetime(2019, 3, 7, 23, 55, 59, 342380) |
|  | print("year =", a.year) |
|  | print("month =", a.month) |
|  | print("hour =", a.hour) |
|  | print("minute =", a.minute) |
|  | print("timestamp =", a.timestamp()) |
|  |  |
|  |  |
|  | t1 = date(year = 2018, month = 7, day = 12) |
|  | t2 = date(year = 2017, month = 12, day = 23) |
|  | t3 = t1 - t2 |
|  | print("t3 =", t3) |

3.

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|  |  |
| --- | --- |
|  | import numpy as np |
|  | x=np.arange(12,38) |
|  | print(x) |

4.

|  |
| --- |
| import numpy as np |
|  | x=np.arange(12,38) |
|  | x.reverse() |
|  | print(x) |

5,6.

|  |
| --- |
| list1, list2 = [123, 'xyz', 'hoang', 'abc'], [456, 700, 200] |
|  |  |
|  | print ("Phan tu co gia tri nho nhat : ", min(list1)) |
|  | print ("Phan tu co gia tri nho nhat : ", min(list2)) |
|  |  |
|  |  |
|  | list1, list2 = [123, 'xyz', 'hoang', 'abc'], [456, 700, 200] |
|  |  |
|  | print ("Phan tu co gia tri lon nhat la : ", max(list1)) |
|  | print ("Phan tu co gia tri lon nhat la : ", max(list2) |

7.

|  |
| --- |
| import numpy as np |
|  | data\_type=[('name','s15'),('class,'int),('height,'float)] |
|  | students\_details=[('James',5,48.5),('Nail',6,52.5)'('Paul, 5,42.10),('Pit',5,40.11)] |
|  | print("original array:") |
|  | print(student) |
|  | print("sort bt height") |
|  | print(np.sort(student,order='height')) |

8.

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|  |  |
| --- | --- |
|  | import math |
|  | items=[x for x in input("Nhập một chuỗi: ").split(',')] |
|  | items.sort() |
|  | print (','.join(items)) |