	r=range(10)
Out[1]:	range(0, 10)
<pre>In [2]: Out[2]:</pre>	type(r) range
<pre>In [3]: Out[3]:</pre>	range(0, 10)
	r=range(5,10) r
	range(5, 10)  list(r)
	[5, 6, 7, 8, 9] r=list(range(5,10))
Out[6]:	r [5, 6, 7, 8, 9]
	r1=list(range(2,20,2)) r1
In [8]:	[2, 4, 6, 8, 10, 12, 14, 16, 18] len(r1)
Out[8]: In [9]:	<pre>g r2=list(range(2,10,2,4)) r2</pre>
	TypeError Traceback (most recent call last)
	Cell In[9], line 1> 1 r2=list(range(2,10,2,4)) 2 r2
	<pre>TypeError: range expected at most 3 arguments, got 4  r3=list(range(10,100,10)) r3</pre>
	[10, 20, 30, 40, 50, 60, 70, 80, 90]  for a in r3:
	<pre>print('abc') print(a) abc</pre>
	10 abc 20 abc
	30 abc 40 abc
	50 abc 60 abc
	70 abc 80 abc
	<pre>for a in enumerate(r3):     print(a)</pre>
	(0, 10) (1, 20) (2, 30)
	(3, 40) (4, 50) (5, 60) (6, 70)
	(7, 80) (8, 90)
ut[16]:	[5, 6, 7, 8, 9]
	[2, 4, 6, 8, 10, 12, 14, 16, 18]
	[10, 20, 30, 40, 50, 60, 70, 80, 90]
n [19]:	10 in r3 True
n [20]: ut[20]:	100 in r3 False
	range(1.1,2.0) # float valus
	TypeError Cell In[21], line 1> 1 range(1.1,2.0)
	TypeError: 'float' object cannot be interpreted as an integer range('True')
	TypeError Traceback (most recent call last)  Cell In[22], line 1 > 1 range('True')
	TypeError: 'str' object cannot be interpreted as an integer range(1+2j)
	TypeError Traceback (most recent call last) Cell In[23], line 1
	> 1 range(1+2j)  TypeError: 'complex' object cannot be interpreted as an integer
	a1=range(20,30) a1 range(20, 30)
	<pre>for i in al:     print(i)</pre>
	20 21 22
	23 24 25 26
	<ul><li>27</li><li>28</li><li>29</li></ul>
	<pre>for i in al:     print(i)  20 21</pre>
	22 23 24 25
	26 27 28 29
	range(30, 40) range(30, 40)
out[27]:	<pre>range(30,40)  range(30, 40)  for i in range(30,40):     print(i)</pre>
out[27]: In [30]:	<pre>range(30, 40)  for i in range(30, 40):     print(i)  30 31 32</pre>
out[27]:	range(30, 40)  for i in range(30, 40):     print(i)  30  31  32  33  34  35  36
out[27]:	range(30, 40)  for i in range(30,40):     print(i)  30  31  32  33  34  35  36  37  38  39
out[27]: in [30]: in [31]: out[31]:	range(30, 40)  for i in range(30,40):     print(i)  30  31  32  33  34  35  36  37  38  39  r  [5, 6, 7, 8, 9]
n [30]: n [31]: ut[31]: n [32]: ut[32]:	range(30, 40)  for i in range(30,40):     print(i)  30  31  32  33  34  35  36  37  38  39   \$\bar{\sigma}\$  [5, 6, 7, 8, 9]  \$\bar{\sigma}\$  \$\bar{\sigma}\$
ut[27]: n [30]: n [31]: ut[31]: ut[32]: ut[32]:	range(30, 40)  for i in range(30,40):     print(i)  30  31  32  33  34  35  36  37  38  39  F  [5, 6, 7, 8, 9]  r[3]  8  r[-4]
ut[27]: n [30]: n [31]: ut[31]: ut[32]: ut[32]: ut[33]: ut[33]:	range(30, 40)  for i in range(30,40):     print(i)  30 31 32 33 34 35 36 37 38 39    [5, 6, 7, 8, 9]   [13]  8   [14]
ut[27]: n [30]: n [31]: ut[31]: ut[32]: ut[32]: ut[32]: ut[32]: ut[33]:	range(30, 40)  for i in range(20,40):     print(1)  30  31  32  33  34  35  36  37  38  39  F  (5, 6, 7, 8, 9)  F(4)  6  F(1:5)  (6, 7, 8, 9)  (6, 7, 8, 9)
ut[27]: n [30]: n [31]: ut[31]: ut[32]: ut[32]: ut[32]: ut[32]: n [36]: n [36]:	range(30, 40)  for i in range(30, 40); print(4)  20  31  32  33  34  35  36  57  77  38  8  Fraceback (most recent call last)  Cell in [36], line 1
n [30]: n [31]: ut[31]: ut[32]: ut[32]: ut[32]: ut[33]: ut[33]: ut[34]: ut[34]:	range(30, 40)  for 1 in range(20,40):     print(s)  20  21  22  23  24  25  26  27  27  38  28  2   [5, 6, 7, 8, 9]  2   [13]  8  2   [14]  6  6  6  6  6  6  6  7  7  RemeMorror  Transheck (most revent call lami)  Cevit In(36), line 1  ———————————————————————————————————
n [30]: n [30]: n [31]: ut[31]: n [32]: ut[32]: n [33]: ut[33]: n [34]: n [36]: n [37]:	<pre>cange(30, 40)  for 1 in range(30, 40):     paint(1)  20 21 22 23 34 44 35 36 6  15, 6, 7, 8, 9]  e(3)  6  r(-4)  6  r(1:5)  16, 7, 8, 9!  del c  4  NameNorror</pre>
ut [27]: n [30]: n [31]: ut [31]: ut [32]: ut [32]: ut [32]: n [33]: ut [33]: ut [37]: ut [37]:	range(30, 40)  for i in range(30, 40):     print(i)  30  31  32  33  34  35  36  37  38  39  4  4  43  5  6  7  (5. 6. 7. 8. 9)  4  43  5  6  7  (1.5)  (6. 7. 8. 9)  del :  7  **MameError**  **Lange (30)  **Lange
ut [27]: n [30]: n [31]: ut [31]: ut [32]: ut [32]: ut [32]: ut [33]: ut [33]: ut [34]: ut [38]:	range(10, 40)  for i in range(30, 40):     print(3)  20  31  32  33  34  35  36  2  10, 6, 7, 8, 9]  2(3)  8  2(115)  16, 7, 0, 0)  401 2  2  ManaGrzor; wome 'v' is not defined  2-128 (canow(1,20))  4  17, 2, 3, 4, 9, 8, 7, 8, 9]  E. Tr. 2, 3, 4, 9, 8, 7, 8, 9]  E. Append(10)
n [31]: ut [31]: ut [31]: ut [32]: ut [32]: ut [32]: ut [33]: ut [33]: ut [34]: ut [34]: ut [34]: ut [37]:	rance 130, 10)  for 1 in same(30, 10):     print(1)  for 2 in same(10, 10):     print(1)  for 3 in same(10, 10):  for 3 in same (10)  for 4 in same (10)  for 3 in same (10)  for 4 in same (10)  for 5 in sam
ut [27]:  n [30]:  n [31]:  ut [31]:  ut [32]:  ut [32]:  n [33]:  ut [33]:  ut [34]:  n [36]:  ut [37]:  ut [37]:  ut [37]:  ut [37]:  ut [37]:  ut [37]:  n [40]:  n [40]:  n [41]:	Exemple (12, 12)  for in integra (13, 42):     prior (13)  22  23  24  25  26  27  28  29  29  20  20  20  20  20  20  20  20
ut [27]:  n [30]:  n [31]:  ut [31]:  ut [32]:  n [32]:  ut [32]:  n [33]:  ut [33]:  ut [33]:  ut [34]:  n [36]:  ut [37]:  ut [37]:  ut [37]:  ut [37]:  ut [37]:  ut [37]:  ut [41]:  ut [41]:  ut [41]:	Exame 2 (2, 12)  for : In : neg = (13, 43):
ut [27]:  n [30]:  n [31]:  ut [31]:  ut [32]:  ut [41]:  ut [41]:  ut [41]:  ut [42]:  ut [42]:	Early 120, 100  For it manage (0, 40)  20  21  22  23  24  25  26  27  28  28  29  29  29  29  29  29  29  29
ut [27]:  n [30]:  n [31]:  ut [31]:  ut [32]:  ut [42]:  ut [41]:  ut [41]:  ut [41]:  ut [42]:  ut [42]:  ut [42]:  ut [43]:	Compact   Comp
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n [30]:  n [30]:  n [31]:  ut [31]:  ut [32]:  n [32]:  ut [32]:  n [33]:  ut [33]:  n [34]:  ut [34]:  n [36]:  ut [37]:  ut [37]:  ut [41]:  n [40]:  ut [41]:  n [42]:  ut [42]:  ut [42]:  ut [42]:  ut [43]:  ut [43]:  ut [43]:  ut [43]:  ut [43]:  ut [44]:  ut [44]:  ut [44]:  ut [46]:  ut [46]:  ut [46]:	Temperature
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Dut [27]:  In [30]:  In [30]:  In [31]:  In [32]:  In [32]:  In [32]:  In [32]:  In [33]:  In [34]:  In [36]:  In [37]:  In [37]:  In [37]:  In [37]:  In [37]:  In [40]:  In [40]:  In [41]:  In [42]:  In [42]:  In [42]:  In [43]:  In [43]:  In [44]:  In [45]:  In [46]:  In [47]:	### 1997   Part

In [53]: r3.sort(reverse=True)

Out[53]: [90, 80, 50, 40, 30]