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"""
Topic: Tuple Slicing
Reference : NPTL:https://onlinecourses.nptel.ac.in/:Course-Python for Data Science
"""
"""
Slicing
- Used to access set of elements from
  a tuple by creating a range of index numbers [x:y]
Where,
x - index number is where the slice starts (inclusive)
y - index number is where the slice ends (exclusive)

Elements are extracted from x to y-1
"""
"""
To extract name and marks from the student_details
"""
student_details = (1, 'Ram', 90, 'Comp')
# print the tuple
print(student_details)
# (1, 'Ram', 90, 'Comp')
# 0  1  2  3

print(student_details[1:3]) # Slicing

"""
Only elements with index number 1 and 2 will be printed
('Ram', 90)
"""
print(student_details[:3]) # Slicing

"""
Only elements before index number 3 will be printed
(1, 'Ram', 90)
"""

```