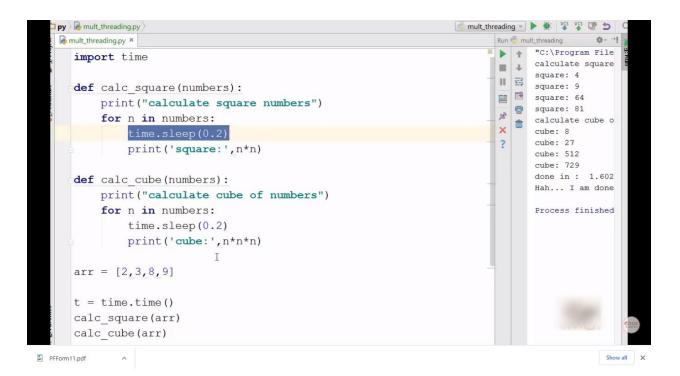
```
mult_threading > > * VS VS UP 5
   py | mult_threading.py |
   mult_threading.py ×
      import time
      def calc square(numbers):
          print("calculate square numbers")
          for n in numbers:
               time.sleep(0.2)
              print('square:',n*n)
      def calc cube (numbers):
          print ("calculate cube of numbers")
          for n in numbers:
               time.sleep(0.2)
               print('cube:',n*n*n)
      arr = [2, 3, 8, 9]
      t = time.time()
      calc_square(arr)
      calc cube(arr)
PFForm11.pdf
```

```
py | mult_threading.py |
                                                                      mult_threading > > * VS VS UP 5
   mult_threading.py ×
              print('square:',n*n)
      def calc cube (numbers):
          print("calculate cube of numbers")
          for n in numbers:
               time.sleep(0.2)
               print('cube:',n*n*n)
      arr = [2, 3, 8, 9]
      t = time.time()
      calc square(arr)
      calc cube (arr)
      print("done in : ",time.time()-t)
      print("Hah... I am done with all my work now!")
PFForm11.pdf
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py | mult_threading.py |
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   mult_threading.py ×
     def calc cube (numbers):
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          print ("calculate cube of numbers")
                                                                                        II 55
          for n in numbers:
                                                                                           1
                                                                                        time.sleep(0.2)
                                                                                           0
                                                                                        26
                                                                                              C
              print('cube:',n*n*n)
                                                                                           ×
                                                                                        ?
     arr = [2, 3, 8, 9]
                                                                                              d
      t = time.time()
                                                                                              Н
     t1= threading. Thread(target=calc square, args=(arr,))
     t2= threading.Thread(target=calc cube(), args=(arr,))
      t1.start()
     t2.start()
     t1.join()
      t2.join()
     print("done in : ",time.time()-t)
PFForm11.pdf
```

```
py \ in mult_threading.py \
                                                                      mult_threading > > * VS VS IP 5
    mult_threading.py ×
      arr = [2, 3, 8, 9]
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      t = time.time()
                                                                                            0
                                                                                          182
      t1= threading.Thread(target=calc square, args=(arr,))
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      t2= threading. Thread(target=calc cube(), args=(arr,))
                                                                                          ?
      t1.start()
      t2.start
                                                                                                Н
      t1.join()
      t2.join()
      print("done in : ", time.time()-t)
      print("Hah... I am done with all my work now!")
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PFForm11.pdf
```

