

# Assignment of multiThreadingg

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1). what is multithreading in python? hy is it used? Name the module used to handle threads in python ans:The threading module is a high-level implementation of multithreading used to deploy an application in Python. To use multithreading, we need to import the threading module in Python Program. A start() method is used to initiate the activity of a thread.

4). write a python program to create two threads. Thread one must print the list of squares and thread two must print the list of cubes

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[21]: import threading
def test(squ):
    print("prg start",squ)
```

5. State advantages and disadvantages of multithreading

advantages:=Enhanced performance by decreased development time Simplified and streamlined program coding Improvised GUI responsiveness Simultaneous and parallelized occurrence of tasks Better use of cache storage by utilization of resources Decreased cost of maintenance Better use of CPU resource

disadvantages:=Complex debugging and testing processes Overhead switching of context Increased potential for deadlock occurrence Increased difficulty level in writing a program Unpredictable results

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[ ]:
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