QUIZ 2

COMP9021 PRINCIPLES OF PROGRAMMING

Sample outputs

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$ python3 quiz_2.py
Enter an integer at least equal to 5: 5
The largest sequence of consecutive primes that add up
  to a prime P equal to 5 at most has a length of 2.
The largest such P is 5.
$ python3 quiz_2.py
Enter an integer at least equal to 5: 6
The largest sequence of consecutive primes that add up
  to a prime P equal to 6 at most has a length of 2.
The largest such P is 5.
$ python3 quiz_2.py
Enter an integer at least equal to 5: 20
The largest sequence of consecutive primes that add up
  to a prime P equal to 20 at most has a length of 4.
The largest such P is 17.
$ python3 quiz_2.py
Enter an integer at least equal to 5: 50
The largest sequence of consecutive primes that add up
  to a prime P equal to 50 at most has a length of 6.
The largest such P is 41.
$ python3 quiz_2.py
Enter an integer at least equal to 5: 100
The largest sequence of consecutive primes that add up
  to a prime P equal to 100 at most has a length of 6.
The largest such P is 41.
$ python3 quiz_2.py
Enter an integer at least equal to 5: 200
The largest sequence of consecutive primes that add up
  to a prime P equal to 200 at most has a length of 12.
The largest such P is 197.
$ python3 quiz_2.py
Enter an integer at least equal to 5: 400
The largest sequence of consecutive primes that add up
  to a prime P equal to 400 at most has a length of 15.
The largest such P is 379.
$ python3 quiz_2.py
Enter an integer at least equal to 5: 500
The largest sequence of consecutive primes that add up
  to a prime P equal to 500 at most has a length of 17.
The largest such P is 499.
$ python3 quiz_2.py
Enter an integer at least equal to 5: 1000
The largest sequence of consecutive primes that add up
  to a prime P equal to 1000 at most has a length of 21.
The largest such P is 953.
```

Date: Session 1, 2017.