Algorithm:

Step 1: Generate a list of consecutive integers starting from 2 to n.

Step 2: Initially, let p=2. We have considered that first prime number 2 is p.

Step 3: Starting from p2, count up in increments of p and mark each of these numbers greater than or equal to p2 itself in the list. These numbers will be $P(P+1) P(P+2), P(P+3)$

Step 4: Find the first number greater than P in the list that not marked. If there was no such number, stop. Otherwise let p now equal this number (which is next to prime) and repeat from step 3.

Pseudocode :

1. Create a Scanner object named "Scan"
2. Prompt the user to enter the number and Store the input in a varaible.

3. while (count <n)

4. For i= 2 to n

   if is is equal to 0 then break

   if i is equal to number continue count

5. End for

6. Close the scanner object

7. End.

Contribution to Lap report:

Algorithm:

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Time spent: 30 min.

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