Experiment No:-01

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**Program Code:-**

import java.util.Scanner;

public class Java{

public static void main(String[] args){

Scanner s=new Scanner(System.in);

System.out.print("Enter the Number of Prime Numbers to find:");

int n=s.nextInt();

int count=0;

int num=2;

while(count<n){

if(isPrime(num)){

System.out.print(num +" ");

count++;

}

num++;

}

s.close();

}

public static boolean isPrime(int num){

if(num<=1){

return false;

}

if (num<=3){

return true;

}

if(num%2==0||num%3==0){

return false;

}

for(int i=5;i\*i<=num;i+=6){

if(num%i==0 ||num%(i+2)==0){

return false;

}

}

return true;

}

}

**Output:-**

Enter the Number of Prime Numbers to find:50

2 3 5 7 11 13 17 19 23 29 31 37 41 43 47 53 59 61 67 71 73 79 83 89 97 101 103 107 109 113 127 131 137 139 149 151 157 163 167 173 179 181 191 193 197 199 211 223 227 229