exp.7.m

```octave
 1 disp("Name:Abrohneel Roy");
 2 disp("Roll No.:727822TUCY003");
 3 disp("Experiment Name:COMPUTE PRIME NUMBERS AND COMPOSITE NUMBERS");
 4 disp(" ")
 5 disp("Question 1")
 6 disp(" ")
 7 num = 100:200 ;
 8 idx = isprime(num) ;
 9 num(idx)
10 disp(" ")
11 disp(" ")
12 disp("Question 2")
13 disp(" ")
14 num = 500:800 ;
15 idx = isprime(num) ;
16 num(idx)
17 disp(" ")
18 disp(" ")
19 disp("Question 3")
20 disp(" ")
21 num = 800:1000 ;
22 idx = isprime(num) ;
23 num(idx)
24 disp(" ")
25 disp(" ")
26 disp("Question 4")
27 disp(" ")
28 num=99;
29 i=isprime(99)
30 num=31;
31 i=isprime(31)
32 disp(" ")
33 disp(" ")
34 disp("Question 5")
35 disp(" ")
36 num=19;
37 i=isprime(19)
38 num=35;
39 i=isprime(35)
40 disp(" ")
41 disp(" ")
42 disp("Question 6")
43 disp(" ")
44 num=999;
45 i=isprime(999)
```