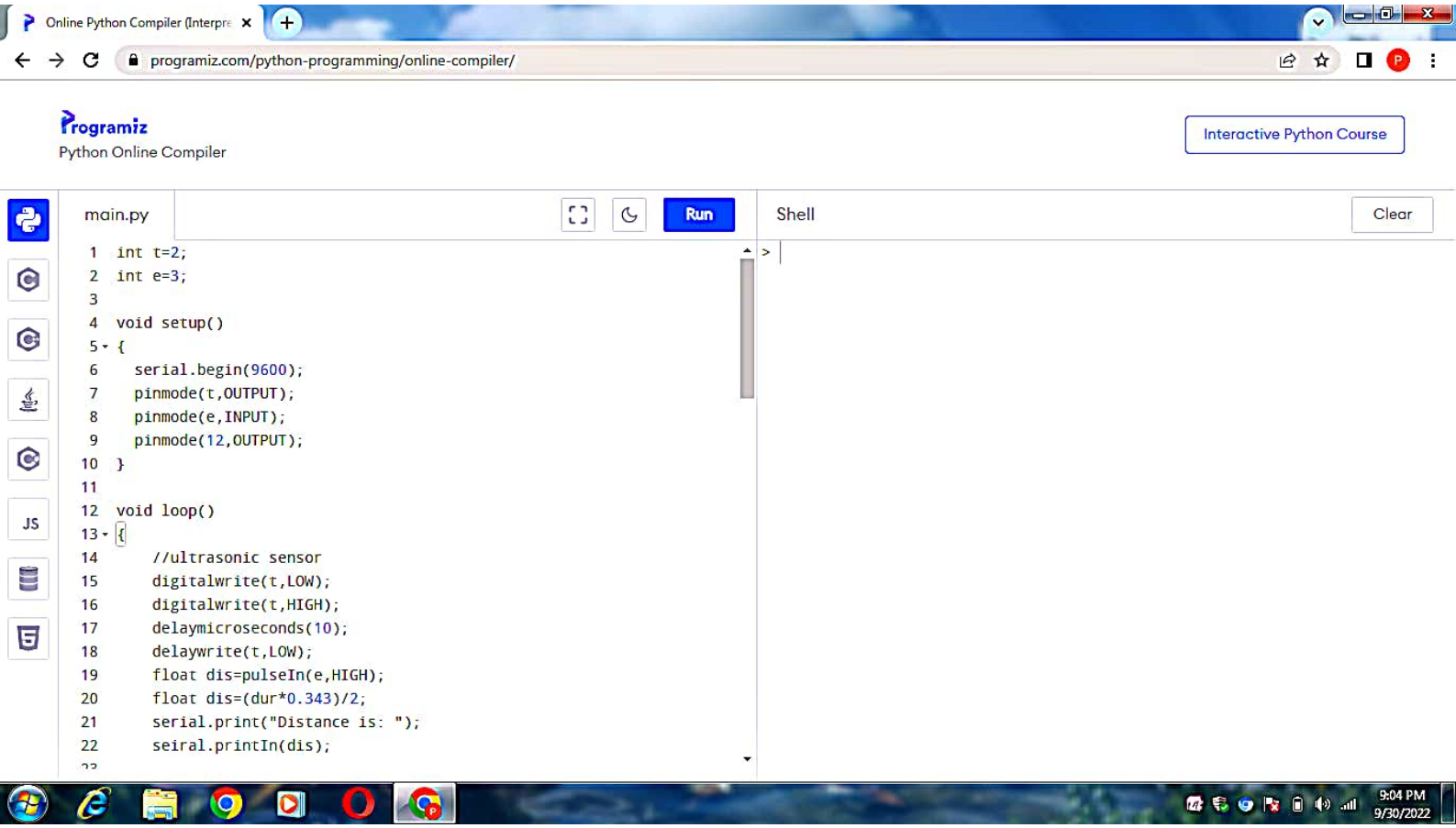
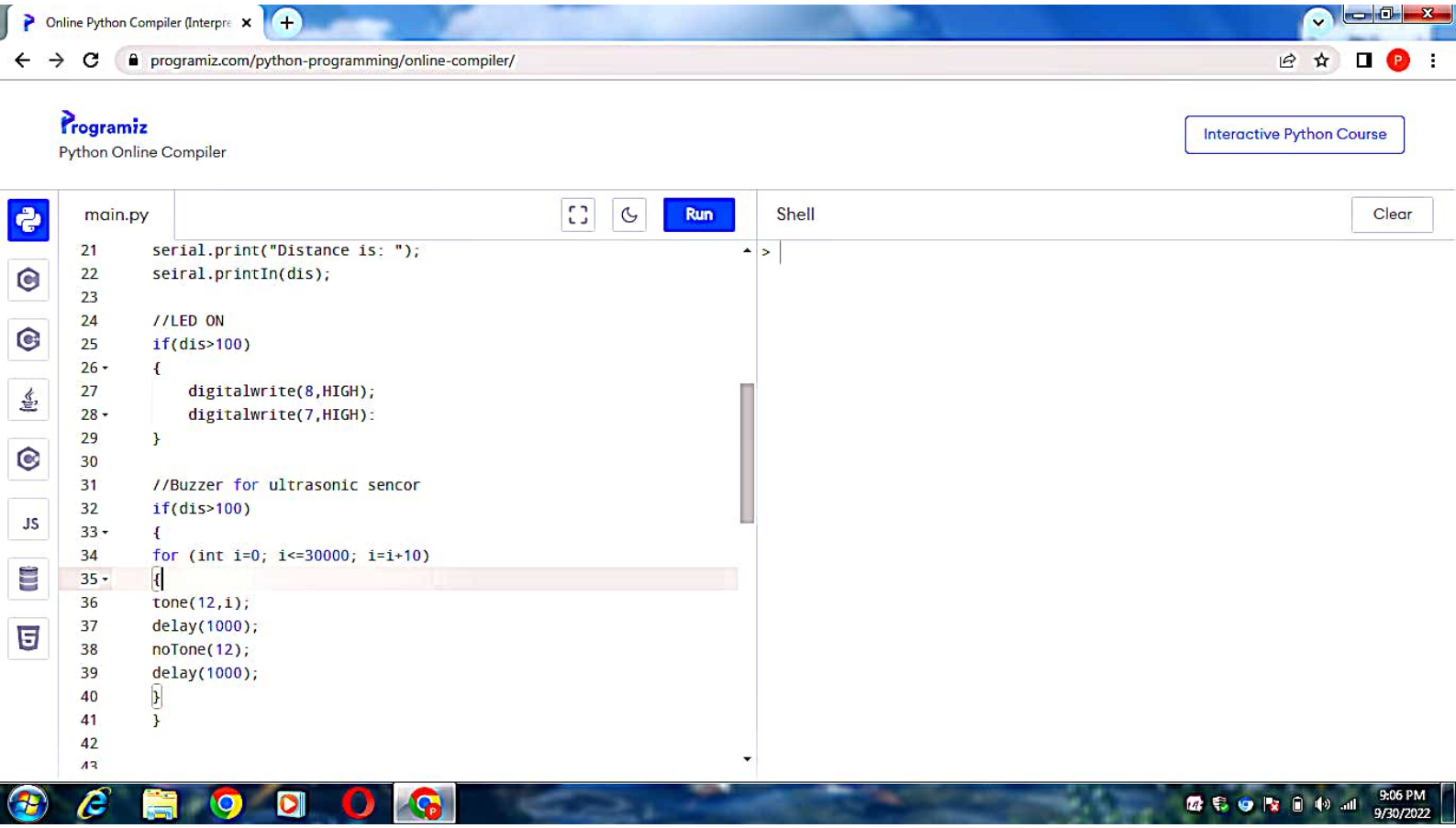
S. M. Ponnuchsamy

Assignment 2




Online Python Compiler (Interpre
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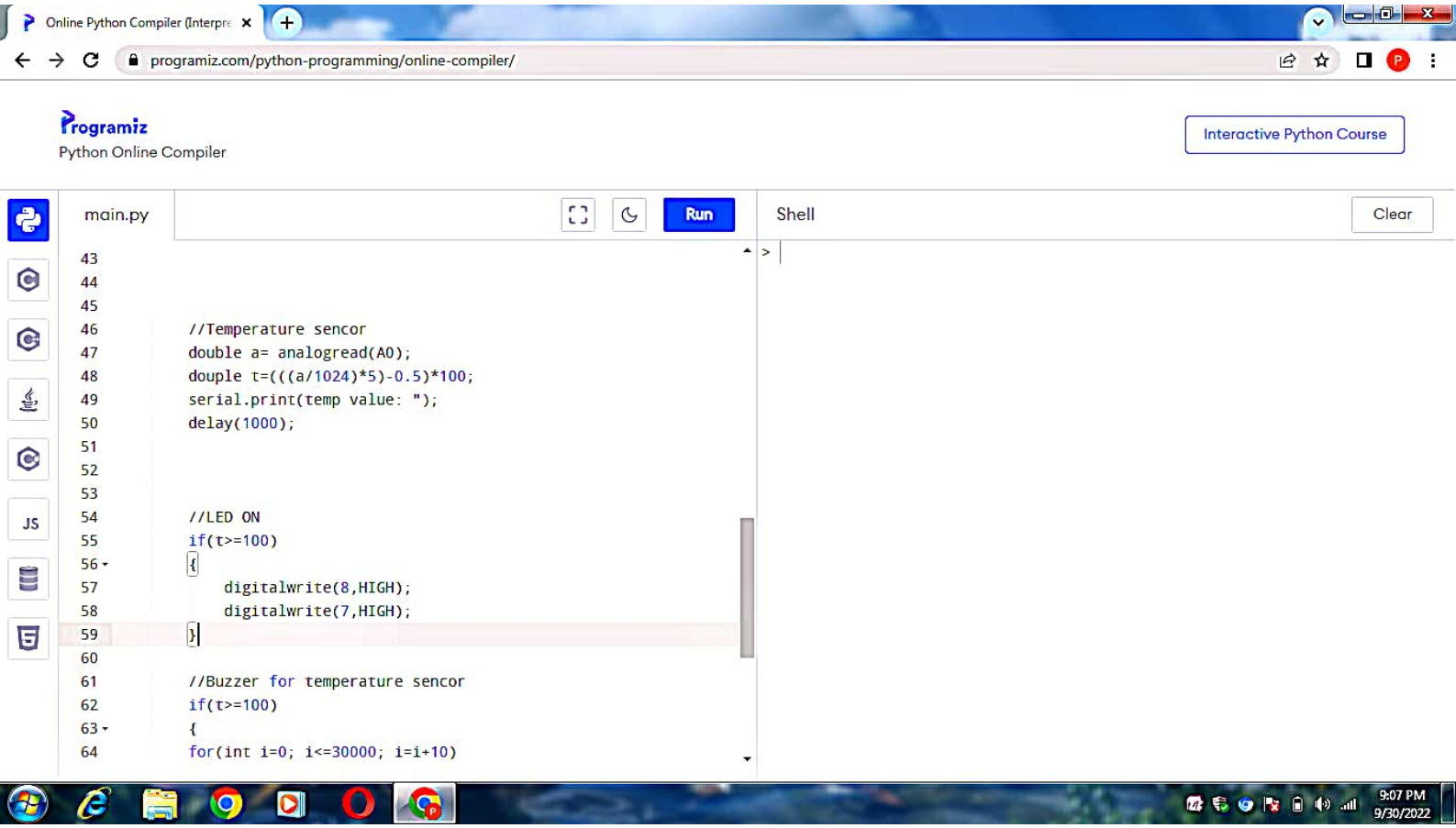
main.py
Run
Shell
Clear
21 serial.print("Distance is: ");
22 seiral.printIn(dis);
23
24 //LED ON
25 if(dis>100)
26 {
27 digitalwrite(8,HIGH);
28 digitalwrite(7,HIGH):
29 }
30
31 //Buzzer for ultrasonic sencor
32 if(dis>100)
33 {
34 for (int i=0; i<=30000; i=i+10)
35 {
36 tone(12,i);
37 delay(1000);
38 noTone(12);
39 delay(1000);
40 }
41 }
42
43
9:06 PM
9/30/2022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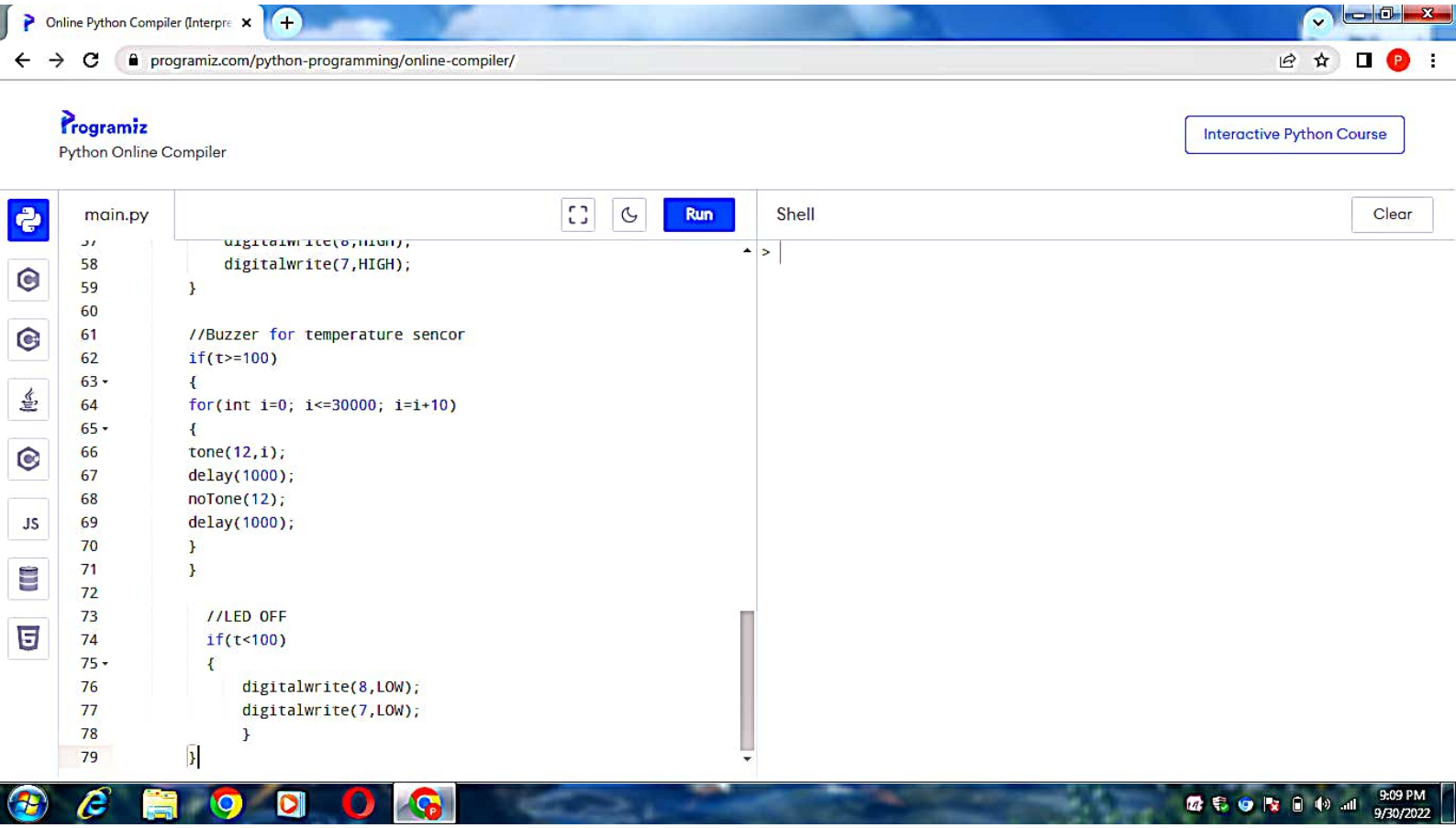
main.py
Run
Shell
Clear
43
44
45
46 //Temperature sencor
47 double a= analogread(A0);
48 douple t=(((a/1024)*5)-0.5)*100;
49 serial.print(temp value: ");
50 delay(1000);
51
52
53
54 //LED ON
55 if(t>=100)
56 {
57 digitalwrite(8,HIGH);
58 digitalwrite(7,HIGH);
59 }
60
61 //Buzzer for temperature sencor
62 if(t>=100)
63 {
64 for(int i=0; i<=30000; i=i+10)
9:07 PM
9/30/2022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main.py
Run
Shell
Clear
digitalwrite(8,HIGH);
digitalwrite(7,HIGH);
}
//Buzzer for temperature sencor
if(t>=100)
{
for(int i=0; i<=30000; i=i+10)
{
tone(12,i);
delay(1000);
noTone(12);
delay(1000);
}
}
//LED OFF
if(t<100)
{
digitalwrite(8,LOW);
digitalwrite(7,LOW);
}
}
9:09 PM
9/30/2022

Output