Cpp Assignment\22512.cpp

```cpp
1   #include <iostream>
2   #include <string>
3   using namespace std;
4
5   class TEST
6   {
7       int TestCode;
8       string Description;
9       int NoOfCandidate;
10      int CenterReqd;
11      int CALCNTR(int NoOfCandidate)
12      {
13          return(NoOfCandidate/100+1); //calculating number of center required
14      }
15      public:
16          void SCHEDULE();
17          void DISPTEST();
18  };
19  void TEST :: SCHEDULE()
20  {
21      cout<<"<--------TEST SCHEDULER--------->"<<endl;
22      cout<<"_____"<<endl;
23      cout<<"Enter the Test Code: ";
24      cin>>TestCode;
25
26      cout<<"Enter the Description: ";
27      cin.ignore(); //Ignoring cin before getline in order to drop /n left out of cin that
        terminates getline()
28      getline(cin,Description);
29
30      cout<<"Enter the number of candidates: ";
31      cin>>NoOfCandidate;
32      cout<<"_____"<<endl;
33
34      CenterReqd = CALCNTR(NoOfCandidate);
35  }
36  void TEST :: DISPTEST()
37  {
38      cout<<"<------Recorded Test Information------>"<<endl;
39      cout<<"Test Code : "<<TestCode<<endl;
40      cout<<"Description : "<<Description<<endl;
41      cout<<"Number of Candidates : "<<NoOfCandidate<<endl;
42      cout<<"Number of Center Required : "<<CenterReqd<<endl;
43      cout<<"<------------------------------------->"<<endl;
44
45  }
46
47  int main()
48  {
49      TEST maths; //creating an object of TEST class
50      maths.SCHEDULE(); //calling test scheduler function
51      maths.DISPTEST(); //calling test data displayer function
52  }
53
54
55
```

```
// Output:
<--------TEST SCHEDULER--------->
_____
Enter the Test Code: 1002
Enter the Description: CPP Test Unit 2 and 3
Enter the number of candidates: 2000
_____
<------Recorded Test Information------>
Test Code : 1002
Description : CPP Test Unit 2 and 3
Number of Candidates : 2000
Number of Center Required : 21
<------------------------------------->
PS C:\Users\hp\Desktop\Cpp\Cpp Assignment>
```