Cpp Assignment\AvinashShrivastava\22512.cpp

1. #**include** <iostream>
2. #**include** <string>
3. **using namespace** std; 4

# 5 class TEST

6 {

1. **int** TestCode;
2. string Description;
3. **int** NoOfCandidate;
4. **int** CenterReqd;
5. **int CALCNTR**(**int** NoOfCandidate) 12 {

13 **return**(NoOfCandidate/100+1); //calculating number of center required 14 }

# public:

1. **void SCHEDULE**();
2. **void DISPTEST**(); 18 };

19 **void** TEST :: SCHEDULE() 20 {

1. cout<<"<--------TEST SCHEDULER >"<<endl;
2. cout<<" "<<endl;
3. cout<<"Enter the Test Code: ";
4. cin>>TestCode; 25
5. cout<<"Enter the Description: ";
6. cin.ignore(); //Ignoring cin before getline in order to drop /n left out of cin that terminates getline()
7. getline(cin,Description); 29
8. cout<<"Enter the number of candidates: ";
9. cin>>NoOfCandidate;
10. cout<<" "<<endl; 33

34 CenterReqd = CALCNTR(NoOfCandidate); 35 }

36 **void** TEST :: DISPTEST() 37 {

1. cout<<"<------Recorded Test Information >"<<endl;
2. cout<<"Test Code : "<<TestCode<<endl;
3. cout<<"Description : "<<Description<<endl;
4. cout<<"Number of Candidates : "<<NoOfCandidate<<endl;
5. cout<<"Number of Center Required : "<<CenterReqd<<endl;

43 cout<<"< >"<<endl; 44

45 }

46

47 **int main**() 48 {

1. TEST maths; //creating an object of TEST class
2. maths.SCHEDULE(); //calling test scheduler function
3. maths.DISPTEST(); //calling test data displayer function 52 return 0;

53 }

54

55

Output:

