8. Anna is a contender for valedictorian of her high school. She wants to know how many students (if any) have scored higher than her in the exams given during this semester.

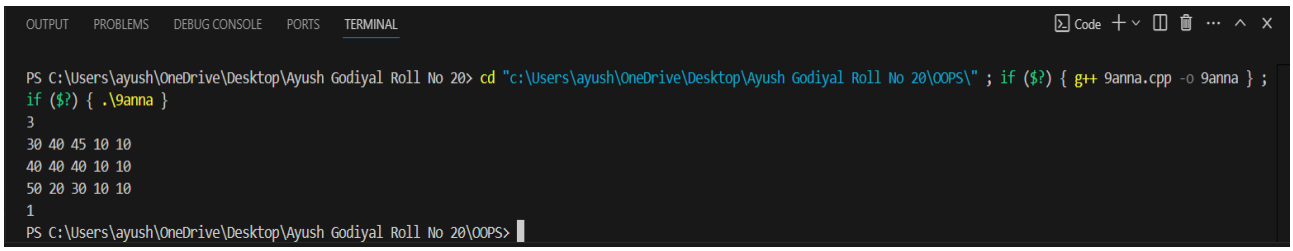
Create a class named Student with the following specifications:
- An instance variable named scores holds a student's 5 exam scores.
- A void input () function reads 5 integers and saves them to scores.
- An int calculateTotalScore() function that returns the sum of the student's scores.

SOURCE CODE:

```
#include<iostream>
using namespace std;
class student
{
  private:
  int scores[5];
  public:
  void input()
  {
     for(int i=0;i<5;i++)
     {
        cin>>scores[i];
     }
  }
  int calculatetotalscore()
  {
     int total=0;
     for(int i=0;i<5;i++)
     {
        total=total+scores[i];
     }
     return total;
  }

};
int main()
{
    int n;
    student s;
    cin>>n;
    int score[n];
    int count=0;
    for(int i=0;i<n;i++)
    {
       s.input();
       score[i]=s.calculatetotalscore();
       if(score[i]>score[0])
       {
          count++;
       }
    }
    cout<<count<<endl;
```

```
    return 0;
}
```


OUTPUT
PROBLEMS
DEBUG CONSOLE
PORTS
TERMINAL
Code
PS C:\Users\ayush\OneDrive\Desktop\Ayush Godiyal Roll No 20> cd "c:\Users\ayush\OneDrive\Desktop\Ayush Godiyal Roll No 20\OOPS\" ; if ($?) { g++ 9anna.cpp -o 9anna } ;
if ($?) { .\9anna }
3
30 40 45 10 10
40 40 40 10 10
50 20 30 10 10
1
PS C:\Users\ayush\OneDrive\Desktop\Ayush Godiyal Roll No 20\OOPS>