**Test Plan**

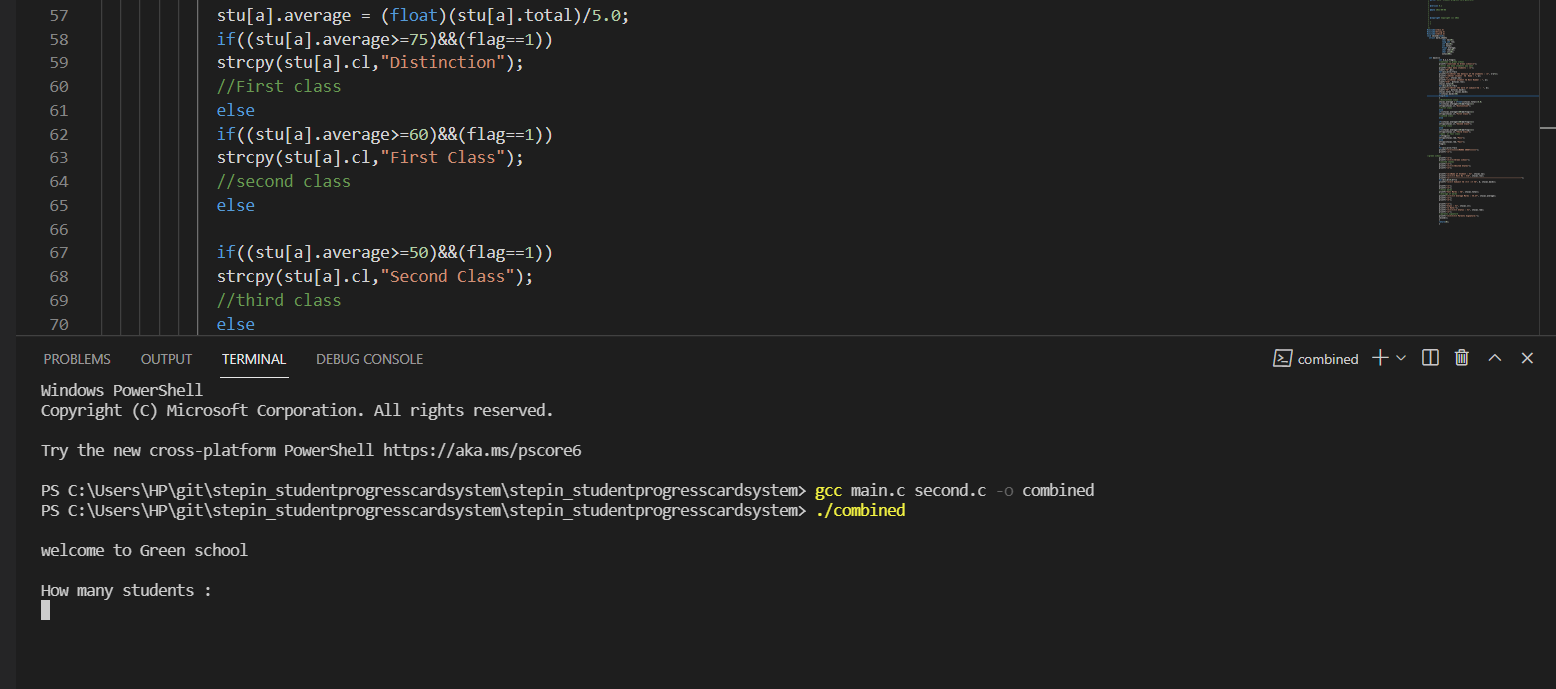
**High Level Test Plan**

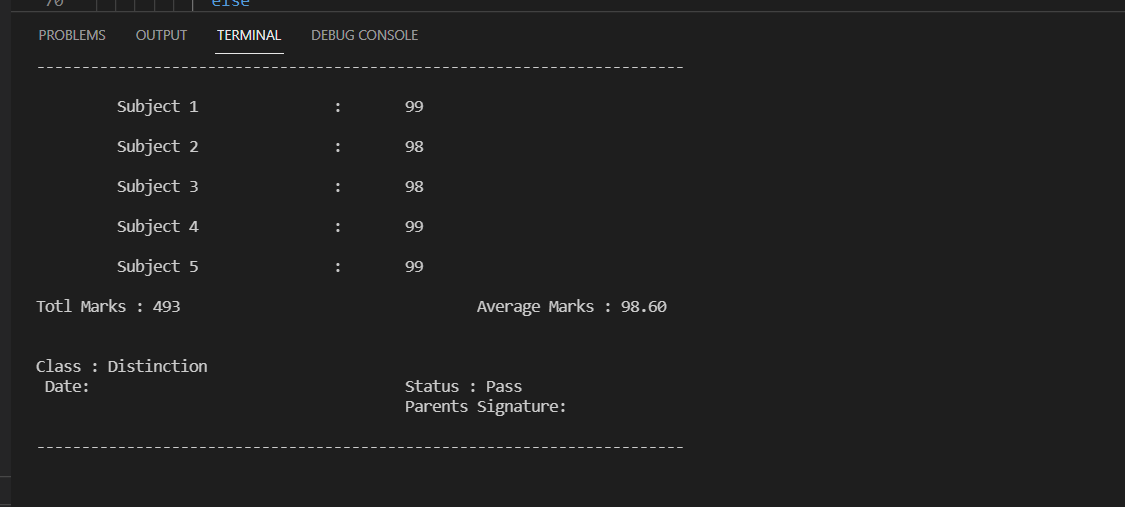
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test ID | Description | EXP I/P | EXP O/P | Actual output |
| H\_01 | Check if the code is working as expected, by considering the test cases | Welcome to green school | Welcome to green school | Welcome to green school |
| H\_02 | Check if the system handles boundary conditions | invalid | error | Error |
| H\_03 | Check if Distinction is obtained | average>=75 | Distinction | Distinction |
| H\_04 | Check if First class is obtained | Average>=60 | First class | First class |
| H\_05 | Check if Second class is obtained | Average>=50 | Second class | Second class |
| H\_06 | Check if Third class is obtained | Average>=40 | Third class | Third class |
| H\_07 | Check flag | Flag==1 | pass | Pass |

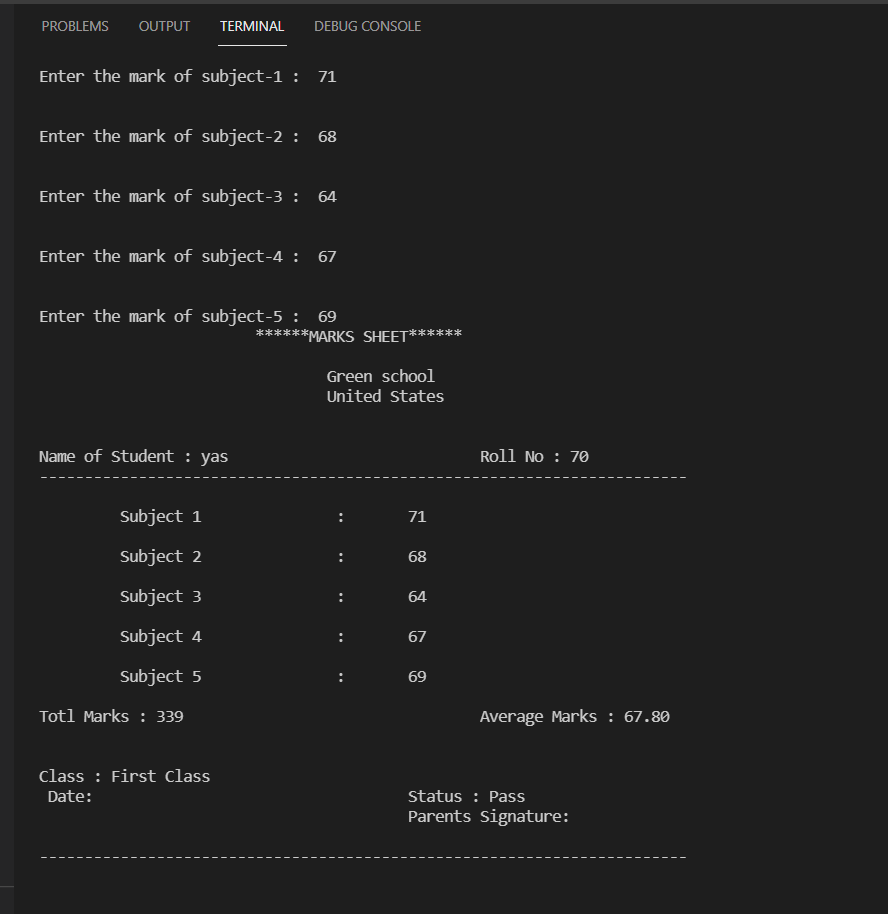
## Low Level Test Plan

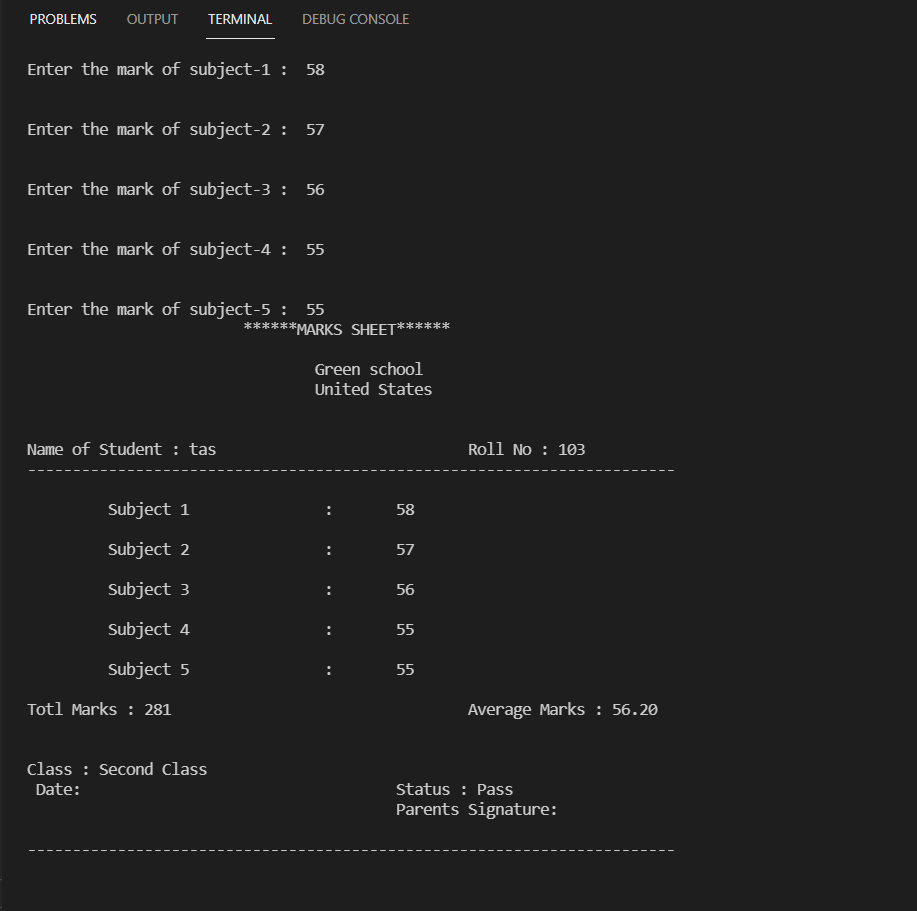
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | Description | Return | Type of test | status |
| L\_01 | checks if the given a,b,n value is valid or not | int | unit | pass |
| L\_02 | Check if the given Distinction value is valid or not | char | unit | pass |
| L\_03 | Check if the given First class value is valid or not | char | unit | pass |
| L\_04 | Check if the given second class value is valid or not | char | unit | pass |
| L\_05 | Check if the given Third value is valid or not | char | unit | Pass |
| L\_06 | Check if the given flag value is valid or not | char | unit | Pass |

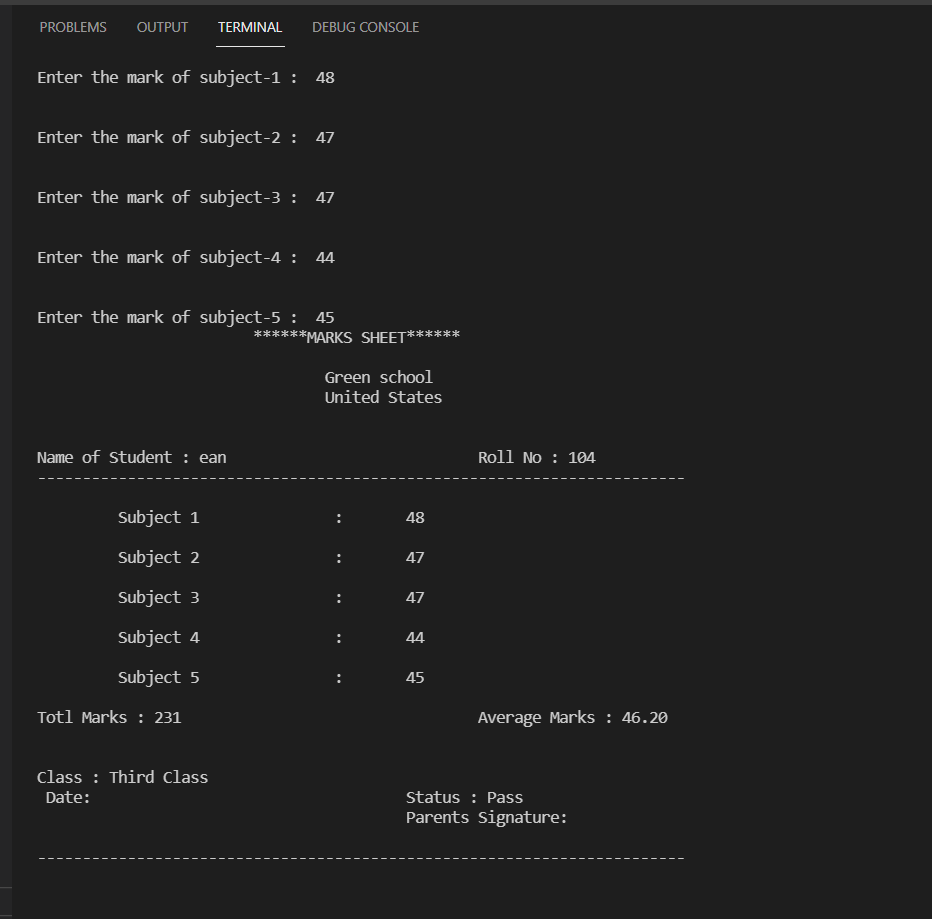
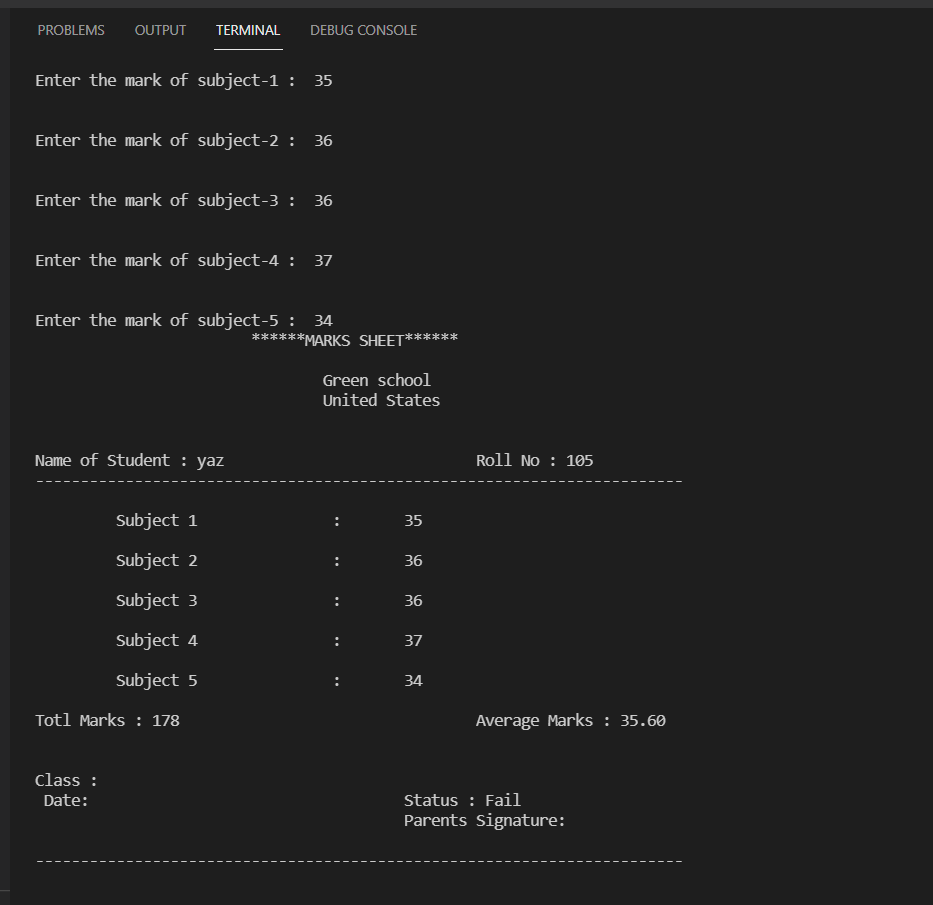
**OUTPUT**

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