

Assignment5 - CL249

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- Assignment 5
- CL249
- Q1 :

```
True Value : 1104  
Mid-point Rule Result: 1011.75 | Relative Error(%) : 8.355978260869565 %  
4-point Gaussian Quadrature Result: 1103.9999998608978 | Relative Error(%) : 1.2599838081096886e-08 %  
6-point Gaussian Quadrature Result: 934.170626680158 | Relative Error(%) : 15.383095409405984 %
```

- Q2:

```
Trapezoidal Rule : 2670.9999999999995 kJ
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Pure Simpson's Rule : 2580.9 KJ
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Combined Approach Simpson's Rule 2490.7000000000003 KJ
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