

Output:

```
C:\csit\third sem Jonash\NM\ x + v

->Compiled by Jonash Chataut<-
->Laplace equation solving
Initial Grid:
 0.00 100.00 100.00 100.00 100.00
 0.00  0.00  0.00  0.00  0.00
 0.00  0.00  0.00  0.00  0.00
 0.00  0.00  0.00  0.00  0.00
 0.00  0.00  0.00  0.00  0.00

After iteration 1:
 0.00 100.00 100.00 100.00 100.00
 0.00 25.00 25.00 25.00 0.00
 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00 0.00

After iteration 2:
 0.00 100.00 100.00 100.00 100.00
 0.00 31.25 37.50 31.25 0.00
 0.00 6.25 6.25 6.25 0.00
 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00 0.00

After iteration 3:
 0.00 100.00 100.00 100.00 100.00
 0.00 35.94 42.19 35.94 0.00
 0.00 9.38 12.50 9.38 0.00
 0.00 1.56 1.56 1.56 0.00
 0.00 0.00 0.00 0.00 0.00

After iteration 4:
 0.00 100.00 100.00 100.00 100.00
 0.00 37.89 46.09 37.89 0.00
 0.00 12.50 15.63 12.50 0.00
 0.00 2.73 3.91 2.73 0.00
 0.00 0.00 0.00 0.00 0.00

After iteration 5:
 0.00 100.00 100.00 100.00 100.00
 0.00 39.65 47.85 39.65 0.00
 0.00 14.06 18.75 14.06 0.00
 0.00 4.10 5.27 4.10 0.00
 0.00 0.00 0.00 0.00 0.00

-----
Process exited after 0.1346 seconds with return value 0
Press any key to continue . . . |
```

Output:

```
C:\csit\third sem Jonash\NM\ x + v

->Compiled by Jonash Chataut<-
->Poisson equation solving
Solution after 5 iterations:
 0.0000 0.0000 0.0000 0.0000 0.0000
 0.0000 -3.6133 -4.4922 -3.6133 0.0000
 0.0000 -4.4922 -5.6641 -4.4922 0.0000
 0.0000 -3.6133 -4.4922 -3.6133 0.0000
 0.0000 0.0000 0.0000 0.0000 0.0000

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Process exited after 0.1104 seconds with return value 0
Press any key to continue . . . |
```