

# **OUTPUT TASK03**

```
===== MAIN MENU =====
Enter your desired operation option:
1) Update Sector Status
2) Query Sector Status
3) Run System Diagnostics
4) EXIT

1
In the 3x3 grid, enter the row of the sector that you want to update: 2
In the 3x3 grid, enter the column of the sector that you want to update: 2

MENU FOR SECTOR UPDATION!
Select what to update:
1) Power Status
2) Overload Warning
3) Maintenance Required
4) EXIT

1
Enter 1 to turn ON or Enter 0 to turn OFF: 1

MENU FOR SECTOR UPDATION!
Select what to update:
1) Power Status
2) Overload Warning
3) Maintenance Required
4) EXIT

2
Enter 1 to turn ON or Enter 0 to turn OFF: 1

MENU FOR SECTOR UPDATION!
Select what to update:
1) Power Status
2) Overload Warning
3) Maintenance Required
4) EXIT

3
Enter 1 to turn ON or Enter 0 to turn OFF: 1

MENU FOR SECTOR UPDATION!
Select what to update:
1) Power Status
2) Overload Warning
3) Maintenance Required
4) EXIT

4

Exiting sector update!

===== MAIN MENU =====
Enter your desired operation option:
1) Update Sector Status
2) Query Sector Status
3) Run System Diagnostics
4) EXIT

2
```

```
2
In the 3x3 grid, enter the row of the sector that you want query status for: 2
In the 3x3 grid, enter the column of the sector that you want query status for: 2

Status report for Sector (2, 2):
Power Status: ON
Overload Warning: OVERLOADED
Maintenance Required: YES

===== MAIN MENU =====
Enter your desired operation option:
1) Update Sector Status
2) Query Sector Status
3) Run System Diagnostics
4) EXIT

1
In the 3x3 grid, enter the row of the sector that you want to update: 1
In the 3x3 grid, enter the column of the sector that you want to update: 1

MENU FOR SECTOR UPDATION!
Select what to update:
1) Power Status
2) Overload Warning
3) Maintenance Required
4) EXIT

1
Enter 1 to turn ON or Enter 0 to turn OFF: 1

MENU FOR SECTOR UPDATION!
Select what to update:
1) Power Status
2) Overload Warning
3) Maintenance Required
4) EXIT

3
Enter 1 to turn ON or Enter 0 to turn OFF: 1

MENU FOR SECTOR UPDATION!
Select what to update:
1) Power Status
2) Overload Warning
3) Maintenance Required
4) EXIT

4

Exiting sector update!
```

===== MAIN MENU =====

Enter your desired operation option:

- 1) Update Sector Status
- 2) Query Sector Status
- 3) Run System Diagnostics
- 4) EXIT

1

In the 3x3 grid, enter the row of the sector that you want to update: 3

In the 3x3 grid, enter the column of the sector that you want to update: 3

MENU FOR SECTOR UPDATION!

Select what to update:

- 1) Power Status
- 2) Overload Warning
- 3) Maintenance Required
- 4) EXIT

2

Enter 1 to turn ON or Enter 0 to turn OFF: 1

MENU FOR SECTOR UPDATION!

Select what to update:

- 1) Power Status
- 2) Overload Warning
- 3) Maintenance Required
- 4) EXIT

4

Exiting sector update!

===== MAIN MENU =====

Enter your desired operation option:

- 1) Update Sector Status
- 2) Query Sector Status
- 3) Run System Diagnostics
- 4) EXIT

2

In the 3x3 grid, enter the row of the sector that you want query status for: 1

In the 3x3 grid, enter the column of the sector that you want query status for: 1

Status report for Sector (1, 1):

Power Status: ON

Overload Warning: Normal

Maintenance Required: YES

===== MAIN MENU =====

Enter your desired operation option:

- 1) Update Sector Status
- 2) Query Sector Status
- 3) Run System Diagnostics
- 4) EXIT

3

There are 2 sectors that are currently overloaded

There are 2 sectors that currently require maintenance

===== MAIN MENU =====

Enter your desired operation option:

- 1) Update Sector Status
- 2) Query Sector Status
- 3) Run System Diagnostics
- 4) EXIT

1

In the 3x3 grid, enter the row of the sector that you want to update: 2

In the 3x3 grid, enter the column of the sector that you want to update: 3

MENU FOR SECTOR UPDATION!

Select what to update:

- 1) Power Status
- 2) Overload Warning
- 3) Maintenance Required
- 4) EXIT

2

Enter 1 to turn ON or Enter 0 to turn OFF: 1

MENU FOR SECTOR UPDATION!

Select what to update:

- 1) Power Status
- 2) Overload Warning
- 3) Maintenance Required
- 4) EXIT

3

Enter 1 to turn ON or Enter 0 to turn OFF: 0

MENU FOR SECTOR UPDATION!

Select what to update:

- 1) Power Status
- 2) Overload Warning
- 3) Maintenance Required
- 4) EXIT

4) EXIT

4

Exiting sector update!

===== MAIN MENU =====

Enter your desired operation option:

- 1) Update Sector Status
- 2) Query Sector Status
- 3) Run System Diagnostics
- 4) EXIT

3

There are 3 sectors that are currently overloaded

There are 2 sectors that currently require maintenance

===== MAIN MENU =====

Enter your desired operation option:

- 1) Update Sector Status
- 2) Query Sector Status
- 3) Run System Diagnostics
- 4) EXIT

4

GOODBYE !