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Pawar
class:-SE (B)
Roll No:-40
Batch:-B2

Experiment No:-07

--> A1=[1 2 3;4 5 6]

A1 =

1. 2. 3.

4. 5. 6.

--> A2=[7 8 9;10 11 12]

A2 =

7. 8. 9.

10. 11. 12.

--> A=[A1,A2]

A =

1. 2. 3. 7. 8. 9.

4. 5. 6. 10. 11. 12.

--> y=cat(1,A1,A2)

y =

1. 2. 3.

4. 5. 6.

7. 8. 9.

10. 11. 12.

--> z=cat(2,A1,A2)

z =

1. 2. 3. 7. 8. 9.

4. 5. 6. 10. 11. 12.

--> A=[1 2 3 4 5 6]

A =

1. 2. 3. 4. 5.6.

--> B=A(5)

B =

5.

--> A=[1 2;3 4;5 6]

A =

1. 2.

3. 4.

5. 6.

--> A=[10 9 4 8 5 1]

A =

10. 9. 4. 8. 5. 1.

--> B=[3 5]

B =

3. 5.

--> C=A(B)

C =

4. 5.

--> A=[1 2 3 4 5 6]

A =

1. 2. 3. 4. 5. 6.

--> C=A(2:5)

C =

2. 3. 4. 5.

--> A=[8 2 27 4]

A =

8. 2. 27. 4.

--> b=gsort(A,'g','i')

b =

2. 4. 8. 27.

--> b=gsort(A,'g','d')

b =

27. 8. 4. 2.

--> A=[8 2;27 4;3 5]

A =

8. 2.

27. 4.

3. 5.

--> b=gsort(A,'g','i')

b =

2. 5.

3. 8.

4. 27.

```
--> a=[1 2 3;4 5 6]
```

a =

1. 2. 3.

4. 5. 6.

```
--> matrix(a,1,6)
```

ans =

1. 4. 2. 5. 3. 6.

```
--> matrix(a,3,2)
```

ans =

1. 5.

4. 3.

2. 6.

```
--> A1=[1 2 3;4 5 6]
```

A1 =

1. 2. 3.

4. 5. 6.

```
-->
```

```
A2=resize_matrix(A1,2,1)
```

A2 =

1.

4.