SOLUTION TO THE NUMPY QUESTIONS .

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QUESTION 1:

QUESTION 2:

QUESTION 3:

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QUESTION 4.py > ...
1  # Write a NumPy program to create a new array of given shape (5,6) and type, filled with zeros.
2
3  import numpy as np
4
5  shape=(5,6)
6  a = np.zeros(shape,dtype=int)
7  print(a)
```

QUESTION 4:

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♦ QUESTION 5.py > ...
      # Write a NumPy program to swap rows and columns of a given array in reverse order.
      import numpy as np
      n=int(input("enter the number of rows : "))
      c=n
      ls=[]
      for i in range(n):
          ls1=[]
          for j in range(c):
              a=int(input("enter the elments"))
              ls1.append(a)
          ls.append(ls1)
      array_n = np.array(ls,dtype=int)
      f=np.flip(array_n)
18
      print(f)
```

QUESTION 5

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# QUESTION 6.py > ...

# Write a NumPy program to multiply two given arrays of the same size element-by-element.

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# Import numpy as np

# Import num
```