NAME: Krushna kulkarni

ROLL NO.: 737

PRN: 202201090101

DIV: G-2

CODE:

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≡
      import numpy as np
          array3 = np.loadtxt('/content/salary.csv',delimiter=',',dtype=str,skiprows=1)
          print(array3)
{x}
          sal=[]
          exp=[]
          for i in array3:
sal.append(int(i[1]))
           exp.append(int(i[2]))
          print(sal)
          print(exp)
          #converting list to array
          arr_sal = np.array(sal)
          arr_exp = np.array(exp)
          #displaying array
          print("Array1:",arr_sal)
print("Array2:",arr_exp)
          #standard deviation salary
          print(np.std(sal))
          #standard deviation exp
          print(np.std(exp))
          #minimum salary
          print(np.min(sal))
          #minimum exp
          print(np.min(exp))
print(np.median(sal))
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           #median exp
Q
           print(np.median(exp))
           #addition of salary and exp
{x}
           array1 = np.array(sal)
           array2 = np.array(exp)
print(array1+array2)
           #multiplication of salary and exp
           array1 = np.array(sal)
           array2 = np.array(exp)
           print(array1*array2)
           # horizontal stacking in numpy
           array1 = np.array(sal)
           array2 = np.array(exp)
           output_array = np.hstack((array1,array2))
           print(output_array)
           #vertical stacking in numpy
           array1 = np.array(sal)
           array2 = np.array(exp)
           output_array = np.vstack((array1,array2))
           print(output_array)
```

OUTPUT:

