1. What is the result of the following lines of code: (1 Point)

   *Array([2,2,2,2])*

   ```
   1  a=np.array([1,1,1,1,1])
   2  b=np.array([2,2,2,2,2])
   3  a*b
   ```

2. What is the result of the following lines of code: (1 Point)

   *0*

   ```
   1  a=np.array([0,1])
   2  b=np.array([1,0])
   3  np.dot(a,b)
   ```

3. Is the following operation allowed with numpy arrays (1 Point)

   *Yes, this is an example of broadcasting*

   ```
   1  a=np.array([1,1,1,1,1])
   2  a+10
   ```