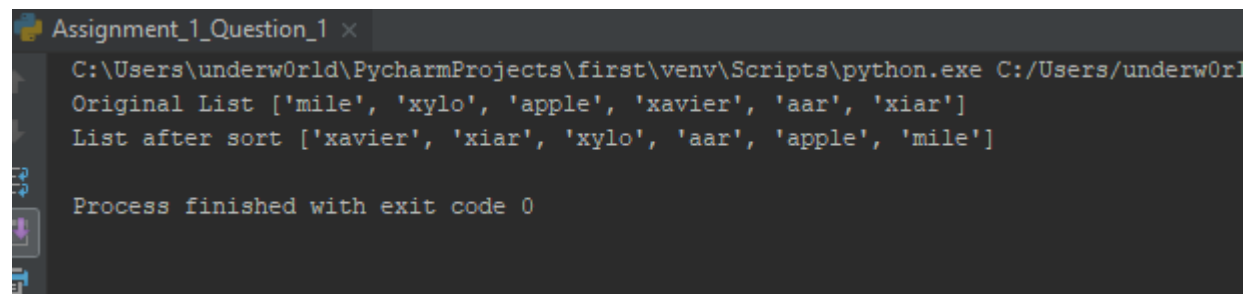


Q1. Solution Code:

```
a = ['mile', 'xylo', 'apple', 'xavier', 'aar', 'xiar']
print('Original List', a)
a.sort()
c = []
for x in range(0, len(a)):
    b = a[x]
    if b[0:1] == 'x':
        c.append(b)
d = c + a
v = []
for y in d:
    if y not in v:
        v.append(y)

print('List after sort', v)
```

Output:



```
Assignment_1_Question_1 x
C:\Users\underw0rld\PycharmProjects\first\venv\Scripts\python.exe C:/Users/underw0rld
Original List ['mile', 'xylo', 'apple', 'xavier', 'aar', 'xiar']
List after sort ['xavier', 'xiar', 'xylo', 'aar', 'apple', 'mile']

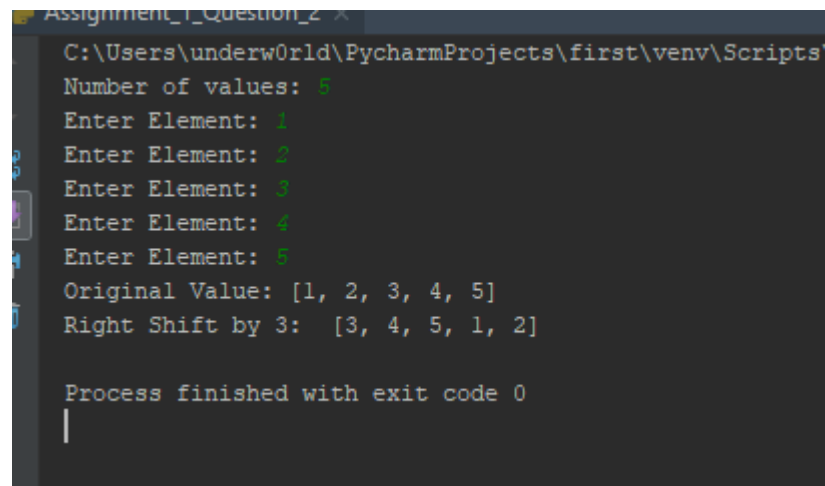
Process finished with exit code 0
```

Q2. Solution Code:

```
a = []
b = int(input('Number of values: '))
for x in range(0, b):
    i = int(input('Enter Element: '))
    a.append(i)

print('Original Value:', a)
print('Right Shift by 3: ', a[-3 % len(a):] + a[:-3 % len(a)])
```

Output:



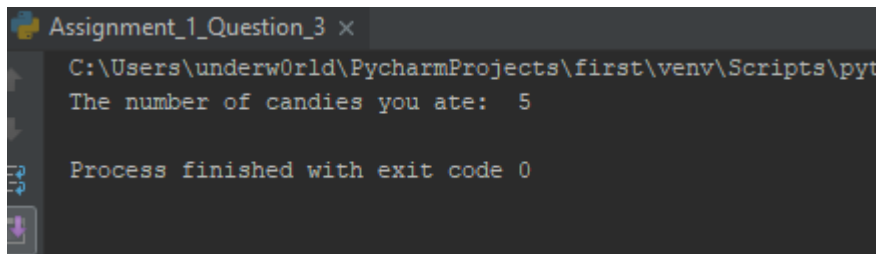
```
Assignment_1_Question_2
C:\Users\underw0rld\PycharmProjects\first\venv\Scripts
Number of values: 5
Enter Element: 1
Enter Element: 2
Enter Element: 3
Enter Element: 4
Enter Element: 5
Original Value: [1, 2, 3, 4, 5]
Right Shift by 3:  [3, 4, 5, 1, 2]

Process finished with exit code 0
|
```

Q3. Solution Code:

```
y = 0
c = []
k = []
for x in range(0, 10):
    m = 4
    o = y + m % 10
    z = o
    y = z
    if y >= 10:
        y = y - 10
    c.append(y)
for i in range(0, len(c)):
    for x in range(i + 1, len(c)):
        if c[i] == c[x]:
            k.append(c[x])
print('The number of candies you ate: ', len(k))
```

Output:



The screenshot shows a terminal window titled "Assignment_1_Question_3". The command prompt is "C:\Users\underrw0rld\PycharmProjects\first\venv\Scripts\python". The output of the program is "The number of candies you ate: 5". Below the output, it says "Process finished with exit code 0".