AWFERA - PYTHON PROGRAMMING ASSIGNMENT 1

Github Repo Link:

https://github.com/ismaiil2007/Awfera-Python-Programming-Practice-code-and-assignments/tree/master/Assignments/1

Question 1:

```python
text = input("Please enter Text: ")
vowels = ["A","E","I","O","U"]

if text:
 reversed_text = []
 length = len(text) - 1
 while length >= 0:
    reversed_text.append(text[length])
    length -= 1
 new_text = ''.join(reversed_text)
 print(f"The string in reverse order is: {new_text}")

 vowels_found = []
 for i in text:

    for j in vowels:
        if i == j or i == j.lower():
            # print(i)
            vowels_found.append(i)
 print(f"The vowels found in the input are: {', '.join(vowels_found)}")
else:
  print("No Input Given")
```

Question 2:

```python
number = input("Enter a Number: ")

if int(number) % 2 == 0:
    print("The number is even")
else:
    print("The number is odd")
```

Question 3:

```python
'''
STEP 1 : I will open Anaconda prompt
STEP 2 : Navigate to The Required Directory in My file exist using cd
commands
STEP 3 : I will run the command 'conda create --name sortenv
python=3.9' to create the environment
STEP 4 : I will activate sortenv using command 'conda activate
sortenv'
'''

import numpy as np

int_input = input("Enter Numbers : ")
int_list=[]
try:
    if int_input:
        int(int_input)
        for integer in int_input:
            # print("Starting Loop")
            # int(integer)
            # try:
                # if type(integer) == int:
                    int_list.append(integer)
                    # print("appended")
            # except:
                # else:
                #     print("\n"+" "*7+"You are supposed to Enter
Numbers!"+" "*7+"\n")
                #     break
            print("Sorted List: ",np.sort(int_list))
    else:
        print("\n"+" "*7+"Input is Blank!"+" "*7+"\n")
except :
```

```python
print("\n"+" "*7+"You are supposed to Enter Numbers!"+" "*7+"\n")
```