

1. What is the output of this code?

```
mylist = ["hot","will","focus","do","incogurent","on","beach","midterm"]
myotherlist = ["we","book","all","sun","great","study","the"]

for i in range(0,len(myotherlist),1):
    if i % 2 == 0:
        mylist[i] = myotherlist[i]
print(mylist)
```

2. The following code will print the value in userInput in upper-case

```
userinput = input("We will upper-case your word, please enter a word: ")
userinput.lower().strip(" ,.<>!").upper()
print(userinput)
```

- A) True
- B) False

3. How many times does the string "Hello" gets printed here?

```
loopnumber = "54"
for i in range(3):
    for i in range(2):
        for i in range(30,len(loopnumber),-1):
            print("Hello")
```

- A) 54
- B) 6
- C) 324
- D) 9720
- E) 168

4. This code is meant to take user inputs(words from the user) and store them in a dictionary with the key being the index and value being the word if the word contains a vowel(no including y), does this code work as intended?

```
import random

vowel_dictionary = {}
wordnumber = int(input("How many words would you like to enter?"))
for i in range(wordnumber):
    userinput = input("Please enter a word: ")
    if "a" or "e" or "i" or "o" or "u" in userinput:
        vowel_dictionary[str(i)] = userinput

print(vowel_dictionary)
```

- A) Yes
- B) No

If not, why not? How would you change it to make it work so that only words with vowels are stored inside the dictionary?