Question1: What is The Output

```
x = 65
y = 53
z = not y if (x % 2 != 0) else x
print(z)
```

```
numbers = [1 , 2 , 3 , 4 , 5]
print(type(numbers))

def getNumbers():
    return type([1 , 2 , 3 , 4 , 5])
print(getNumbers())
```

Question 2: Make This Possible

1-

```
# return the value of x , y and z
def getNumbersFromFunc():
    x = y = z = 10
    return x
    return y
    return z
print(getNumbersFromFunc)
```

2- Sum(5)(12) # The output will be 17

Question3:

1- Check if the given number is palindrome or not

2- Create a new list from a two list using the following condition

Given a two list of numbers, write a program to create a new list such that the new list should contain odd numbers from the first list and even numbers from the second list.

Given:

```
list1 = [10, 20, 25, 30, 35]

list2 = [40, 45, 60, 75, 90]
```

3- Write a function called exponent(base, exp) that returns an int value of base raises to the power of exp.

4- Write a program to print multiplication table of a given number

5- Print list in reverse order using a loop

6- Write a program to display all prime numbers within a range

Note: A Prime Number is a number that cannot be made by multiplying other whole numbers. A prime number is a natural number greater than 1 that is not a product of two smaller natural numbers

7- Write a Python program which iterates the integers from 1 to 50. For multiples of three print "Fizz" instead of the number and for the multiples of five print "Buzz". For numbers which are multiples of both three and five print "FizzBuzz".
8- Check if all items in the tuple are the same

GoodLuck 😊