

PYTHON TEST – 03/02/26

QUESTION 1)

```
nums = [1,2,3,4,5,6,7,8,9]
```

```
for num in nums:
```

```
    even = list(map(lambda num : num % 2 ==0))
```

```
    odd = list(map(lambda num : num % 2 ==1))
```

```
print(even)
```

```
print(odd)
```

```
[2, 4, 6, 8]
[1, 3, 5, 7, 9]

Process finished with exit code 1
```

QUESTION 2)

```
i_p = input("Enter a string: ")
```

```
list1=[]
```

```
for letter in i_p:
```

```
    list1.append(ord(letter))
```

```
print(list1)
```

```
C:\Users\NIDHI\AppData\Local\Programs\Python\Python310\python.exe "D:\PY
Enter a string: hello
[104, 101, 108, 108, 111]

Process finished with exit code 0
|
```

QUESTION 3)

```
num = int(input("Enter a number: "))
s = " "
for i in range(1,num+1):
    s = s+str(i)
    s1 = s+s[::-1]
    print(s1,end="")
    print()
```

```
Enter a number: 4
11
1221
123321
12344321

Process finished with exit code 0
```

QUESTION 4)

```
s = ["radar","nidhi","happy","nitin"]
p=[]
for i in s:
    ans = lambda i: i[::]==i[::-1]
    while ans(i):
        p.append(i)
        break
print(p)
```

```
C:\Users\NIDHI\AppData\Local\Programs\Python\Python310\python.exe "D:\PY"
['radar', 'nitin']

Process finished with exit code 0
```