

Batch-1
Set-A

First Semester mca (2020 scheme)
PRACTICAL EXAMINATION JUNE-JULY 2021
20mca 131 PROGRAMMING LAB

Reg no : ICE20MCA-2019

Date : 02 July 2021

Time : 9:30 - 12:30

1. Generate a list of four digit numbers in a given range with all their digits even and the number is a perfect square.

Ans:

```
import math
for i in range(1000, 10000):
    num = int(math.sqrt(i))
    if (num * num == i):
        n = i
        while n != 0:
            r = n % 10
            n = n // 10
            if r % 2 != 0: break
        else: print(i)
```

Output

4624
6084
6400
8464

2. write a python program to read each row from a given csv file and print a list of strings.?

Ans

```
import csv
```

```
with open('excelemployee.csv', "r") as file1:
```

```
    reader1 = csv.reader(file1)
```

```
    for row in reader1:
```

```
        print(row)
```

Output:

['empno', 'empname', 'dept', 'dob', 'salary']
['1', 'anu', 'Sales', '1/3/1999', '75000']
['2', 'anjana', 'marketing', '8/9/1972', '25000']
['3', 'arun', 'HR', '21/1/1977', '55000']
['4', 'anjaly', 'Finance', '9/6/1999', '60000']
['5', 'alen', 'Finance', '10/6/1999', '70000']
['6', 'amal', 'Finance', '11/6/1999', '80000']
['7', 'arun', 'Bank', '12/7/1999', '7000']
['8', 'Bani', 'HR', '13/8/1995', '50000']
['9', 'alex', 'Bank', '13/9/1999', '9000']
['10', 'alex', 'HR', '14/10/1999', '8000']