May 14 2024 - Class work Questions

[XBit Labs](http://xbitlabs.in)

Class 8 CBSE

Ques - >

Even odd

```python
x = int(input('Enter a number: '))
print('Adarsh', x)
if (x%2==0):
    print('Number is even ')
else:
    print('Number is odd')
```

q1) 2 numbers input
print the smallest number

Enter first number : 4
Enter second number : 7
Smaller number : 4

```
num1 = int(input('Enter first number : '))
num2 = int(input('Enter second number: '))


if num1>num2:
    print('Smaller number : ', num2)
else:
    print('Smaller number : ', num1)
~

~
```

q2)

input number (0-999)
0-9 > print - number is single digit
10-99 > print - number is 2 digit number
100-999> print - number is 3 digit
out of range - not applicable

sample output :
76
76 is 2 digit number

877
877 is 3 digit number

```
number = int(input())
if ((number >=0 ) and (number <=9)):
    print(number , ' is a single digit number ')
elif ((number >=10 ) and (number <=99)):
    print(number, ' is a 2 digit number ')
elif ((number >=100) and (number <=999)):
    print(number, ' is a 3 digit number ')
else:
    print('not applicable')
~
```

```
67
67  is a 2 digit number
not applicable
sagarxbl@fedora:~/Music$ python3 q2.py
999
999  is a 3 digit number
sagarxbl@fedora:~/Music$ vim q2.py
sagarxbl@fedora:~/Music$ python3 q2.py
45
45  is a 2 digit number
sagarxbl@fedora:~/Music$ python3 q2.py
23
23  is a 2 digit number
sagarxbl@fedora:~/Music$ python3 q2.py
1
1  is a single digit number
sagarxbl@fedora:~/Music$ python3 q2.py
100
100  is a 3 digit number
sagarxbl@fedora:~/Music$ python3 q2.py
999976
not applicable
```

END

Homework

Ques)
Enter 3 numbers from the user input
Find the greatest number

Sample output
3
5
3

Greatest number : 5

34
56
12

Greatest number : 56