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## May 14 2024 - Class work Questions

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### Class 8 CBSE

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Ques - >

Even odd

```
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
```

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END

# Homework

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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

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