

PYTHON TEST NUMBER - 2

Question 1 -

```
▶ # Write a programme to find a a leap year a or not .

year = int(input("Please Enter the year : "))

if (year % 4 == 0 and year % 100 != 0) or (year % 400 == 0):
    print(f"{year} This is Leap Year ")
else:
    print("Please Enter the Correct Leap year .")

[1]

... 2020 This is Leap Year
```

Question 2 -

```
▶ # write a programme to accept 3 digit number . If First digit is souble of the second digit a

num = int(input("Please Enter the 3 number Digit : "))

a = num // 100
b = num % 100 // 10
c = num % 10

if ( a == b * 2 and c == a * 2):
    print(f"{num} Yes , You have done It .")
else:
    print("Please try Next time .")

[4]

... 428 Yes , You have done It .
```

Question 3 -

```
# Question 3
```

```
length = 50  
breadth = 40  
radius = 20
```

```
rectangular_perimeter = 2 * length + 2 * (breadth - radius)  
semicircular_perimeter = 3.14 * radius  
total_perimeter = rectangular_perimeter + semicircular_perimeter
```

```
total_Cost_fencing = total_perimeter * 35 * 5
```

```
print("The total cost of Fencing is : " ,total_Cost_fencing)
```

```
The total cost of Fencing is : 35490.0
```

Question 4 -

```
# write a programme to calculate the total cost of painting .The interior of building w
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```
def cost_calculate(cost , wall_height , wall_width = 10):  
    calculate_area = 0  
    single_wall_area = wall_height * wall_width  
    total_area = 4 * single_wall_area  
  
    total_Cost = cost * total_area  
    print("Total Cost is = " , total_Cost , "Rs .")
```

```
cost_calculate(35,12)
```

```
Total Cost is = 16800 Rs .
```

[+ Code](#)[+ Markdown](#)

Question 5 -

```
> v
# a man goes for shopping and take 5 items then calculate the total amount of bill with 18% of gst

item1 = int(input("Please Enter the price of Item1 : "))
item2 = int(input("Please Enter the price of Item2 : "))
item3 = int(input("Please Enter the price of Item3 : "))
item4 = int(input("Please Enter the price of Item4 : "))
item5 = int(input("Please Enter the price of Item5 : "))

bill = item1 + item2 + item3 + item4 + item5
total_bill = bill * 18 / 100

print("Total Bill is - " , bill + total_bill)
```

17]

.. 590.0

+ Code

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