Day 9 : 17-05-2025

'''Practice-question :-

Q1) .Write a program that reads a distance d in km and calculates

the score

 If D is less than 10, the score is D.

 If D is greater than 10, the score is the sum of 10 and (D-10) * 3

Input:- d = 3

Output: 3 [bcoz 3 is less than 10]

Input : 25

Output : 55

[d is greater than 10

Value = 10 + (d-10) * 3

= 10 + (25-10) * 3

= 10 + 15 * 3

= 10 + 45

= 55] '''

```
# d = int(input())
# if (d < 10):
#     print(d)
# else:
#     v = 10 + (d-10) * 3
#     print(v)

'''
Q2).write a program that reads a number X and checks ,
 If x is greater than 30
Print
X is greater than 30
 If x is greater than 30, check if x is greater than 50
Print
X is greater than 30
X is greater than 50
Input:-  x= 45
X is greater than 30
Input:- X= 99
X is greater than 30
X is greater than 50 '''
```

```
# x = int(input())
# if (x>30 and x> 50):
#     print("x is greater than 30 ")
#     print("X is greater than 50")
# elif(x > 30):
#     print("X is greater than 30")

'''17-05-2025'''
'''Q1)Given a strring s, we have uppercase letters and
  lower case letters
 print the all lowercase letters as a word

 input: CowORKER
Ouput:-  ow
 '''

# s = input()
# for i in s:
#     if i.islower():
#         print(i,end ="")
```

'''Q2) Compare First N and Last N characters

write a program that reads a string and a number N,
checks if the first
N characters of the string and the last n characters of
the string are same, or not same

input1 : bulb
1

output: True

input2: toronto
2

output: True

input3 : educated
3

output: False
'''

```
# s = input()
# n = int(input())
# f = s[:n]
# l = s[-n:]
# if f == l :
#     print("True")
# else:
#     print("False")

'''Q3)'Square root of a number
write a program that reads two numbers A and B and
checks if the sqrt of A is equal to B

input: 64
      8
output:  "Square root of A is equal to B"

input :55
      5

out put : "Square root of A is not equal to B"
```

```
'''

# s = int(input())
# t = int(input())
# x = (s ** 0.5 )
# if x == t :
#     print("Square root of A is equal to B")
# else:
#     print("Square root of A is Not equal to B")
'''by using sqrt function'''
# if v == t:
#      print("Square root of A is equal to B")
# else:
#       print("Square root of A is Not equal to B")

'''
working
012345679'''

s = "working"

# print(s[::-1])
```

'''s[start:end:difference]'''

'''Practice-questions

Q1) write a program that reads the rank
R of a student and checks ,
if R is less than or equal to 3
=> print one of top 3
if R is not less than or equal to 3,check if R is less
than or equal to 10
=> print Not top 3 but one of top 10

input1 : 7
output: Not top 3 but one of top 10

input2:3
output :one of top 3

'''

'''

Q2)write a program that reads a number N and

prints the average of N numbers from 1

average of N numbers from 1 can be calculated as,
Average = sum of N numbers from 1 / count of nunmbers(n)

Input : 4
output : 2.5 => (1+2+3+4) /4 = 10/4 = 2.5

'''