Assignment -1

Python Programming

Assignment Date	29 September 2022
Team ID	PNT2022TMID44143
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Student Roll Number	724019104017
Maximum Marks	2 Marks

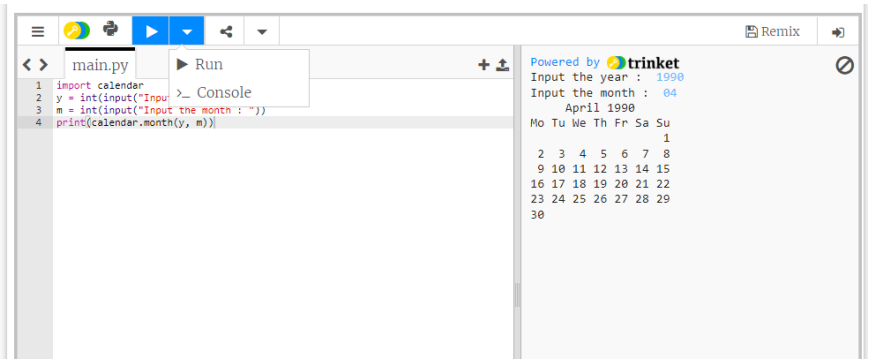
Question-1:

Write a Python program to print the calendar of a given month and year.

Solution:

```
import calendar
y = int(input("Input the year : "))
m = int(input("Input the month : "))
print(calendar.month(y, m))
```


```
import calendar
y = int(input("Input the year : "))
m = int(input("Input the month : "))
print(calendar.month(y, m))
```

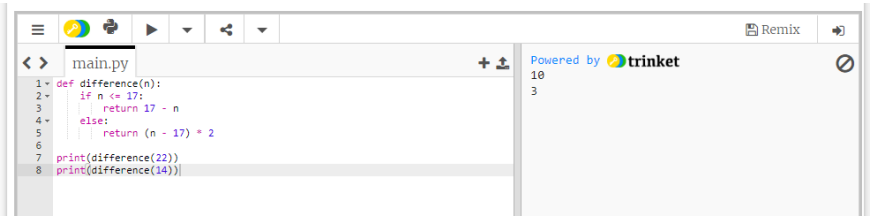



Question-2:

Write a Python program to get the difference between a given number and 17, if the number is greater than 17 return double the absolute difference.

Solution:

```
def difference(n):
  if n <= 17:
    return 17 - n
  else:
    return (n - 17) * 2
print(difference(22))
```

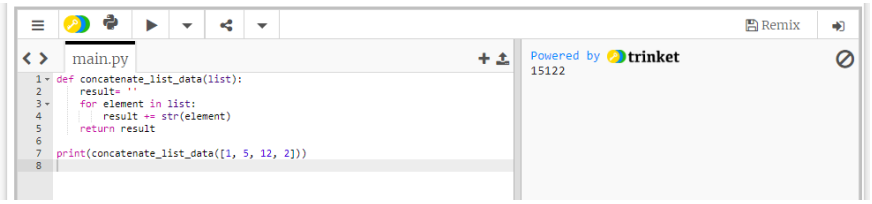


Question-3:

Write a Python program to concatenate all elements in a list into a string and return it.

Solution:

```
def concatenate_list_data(list):
    result= ''
    for element in list:
        result += str(element)
    return result
print(concatenate_list_data([1, 5, 12, 2]))
```

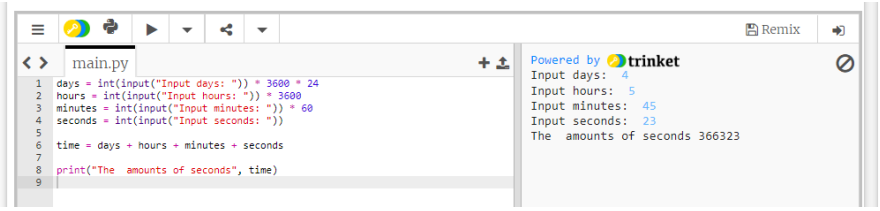


Question-4:

Write a Python program to convert all units of time into seconds.

Solution:

```
days = int(input("Input days: ")) * 3600 * 24
hours = int(input("Input hours: ")) * 3600
minutes = int(input("Input minutes: ")) * 60
seconds = int(input("Input seconds: "))
time = days + hours + minutes + seconds
```



Question-5:

Write a Python program to input a number, if it is not a number generates an error message.

Solution:

```
while True:
    try:
        a = int(input("Input a number: "))
        break
    except ValueError:
```