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Question e)

Script:

```
· #e)
55 |
· P = int (input ("Input the value of P:"))
· r = int (input ("Input the value of r, %:"))
· r = r/100
· n = int (input ("Input the value of n:"))
60 t = int (input ("Input the value of t:"))
· A = P*((1+(r/n))**(n*t))
· print (A)
```

Output:

```
*** Python 3.10.3 (tags/v3.10.3:24e8a6677, Apr 14 2023, 22:03:12) [AMD64]
>>>
*** Remote Interpreter Reinitiated
Input the value of P:10000
Input the value of r, %:8
Input the value of n:12.1
Input the value of t:2.5
11728.88
>>> |
```

Question h)

```
· #h)
·
· hours = int (input ("time now :"))
· wait = float (input ("waiting hours? :"))
· wait *= 60
· alarm = hours + wait
70 min = (alarm % 100)*100
· if (min >= 60):
·     alarm = (alarm - 60) + 100
· while (alarm >= 2400):
·     alarm = alarm - 2400
·
· print (int(alarm))
```

Output:

```
*** Remote Interpreter Reinitiated
time now :1400
waiting hours? :3.5
Your alarm goes off at 1730
>>>
*** Remote Interpreter Reinitiated
time now :2245
waiting hours? :2.5
Your alarm goes off at 115
>>>
```