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Script started on 2023-09-26 11:30:45-05:00 [TERM="xterm-256color" TTY="/dev/pts/0" COLUMNS="67" LINES="54"]
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m$ cat -n Roman.py
[?2004l
     1  #Tyler Sabin
     2  #Section 006
     3  #Septemeber 26th 2023
     4  #This program will take an int input and convert it to a Roman Numeral
     5
     6  #Get the input for the num
     7  num = int(input("Enter an integer from 1 -10: "))
     8
     9  #check to see if the num is out of the valid range
    10  if num < 0 or num > 10:
    11      print("Error: Invalid Number")
    12  #if the num is valid, iterate through the if's to find the correct Roman numeral
    13  else:
    14      if num == 1:
    15          print("I")
    16      elif num == 2:
    17          print("II")
    18      elif num == 3:
    19          print("III")
    20      elif num == 4:
    21          print("IV")
    22      elif num == 5:
    23          print("V")
    24      elif num == 6:
    25          print("VI")
    26      elif num == 7:
    27          print("VII")
    28      elif num == 8:
    29          print("VIII")
    30      elif num == 9:
    31          print("IX")
    32      else:
    33          print("X")[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m$
python3.10 Roman.py
[?2004l
Enter an integer from 1 -10: 12 5
Error: Invalid Number
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m$ python3.10 Roman.py
[?2004l
Enter an integer from 1 -10: 4
IV
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m$ cat -n Body_mass.py
[?2004l
     1  #Tyler Sabin
     2  #Section 006
     3  #Septemeber 26th 2023
     4  #This program will calculate the person's BMI based off of their weight and height
     5
     6  #Get the input for height and weight
     7  weight = int(input("Enter your weight in pounds: "))
     8  height = int(input("Enter your height in inches: "))
     9
    10  #Calc the BMI
    11  BMI = ( weight * 703 ) / (height ** 2 )
    12
    13  #Iterate through the if's to see where the person's BMI is
    14  if BMI > 25:
    15      print(f'Your Body Mass Indicator is {BMI:.2f}')
    16      print("You are overweight.")
    17  elif BMI >= 18.5 and BMI <= 25:
    18      print(f'Your Body Mass Indicator is {BMI:.2f}')
    19      print("Your weight is optimal.")
    20  else:
    21      print(f'Your Body Mass Indicator is {BMI:.2f}')[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-
tes4j[00m:[01;34m~/CLA[00m$ python3.10 Body_mass.py
[?2004l
Enter your weight in pounds: 205
Enter your height in inches: 63
Your Body Mass Indicator is 36.31
You are overweight.
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m$ exit
[?2004l
exit

Script done on 2023-09-26 11:32:26-05:00 [COMMAND_EXIT_CODE="0"]
```