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3. Conditional and Looping Statements.py > BodyMassIndex.py > MonthNames.py
# Write a program that reads an integer value between 1 and 12 from the user and prints output the corresponding month of the year.
# An example run of the program (numbers in bold are typed in by the user)
MonthNamesInput: Enter a number between 1 & 12: 3
if MonthNamesInput:
    print("January")
elif MonthNamesInput:
    print("February")
elif MonthNamesInput:
    print("March")
elif MonthNamesInput:
    print("April")
elif MonthNamesInput:
    print("May")
elif MonthNamesInput:
    print("June")
Run
C:\Users\91759\PycharmProjects\entr1_041_project1\venv\Scripts\python.exe "C:\Users\91759\PycharmProjects\entr1_041_project1\Assignments\3_0
Enter number between 1 & 12: 3
MonthNames
Process finished with exit code 0
```

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3. Conditional and Looping Statements.py > BodyMassIndex.py > MonthNames.py
# Write a program to calculate BMI and give weight status. Body Mass Index (BMI) is an internationally used
# measurement to check if you are a healthy weight for your height. BMI formula: weight in kilograms divided by height in meters
# squared.
# Input: Enter your weight (kg): 70
# Input: Enter your height (m): 1.75
# Output: Your BMI is: 22.22
# Status: Normal
# Input: Enter your weight (kg): 70
# Input: Enter your height (m): 1.75
# Output: Your BMI is: 22.22
# Status: Normal
Run
C:\Users\91759\PycharmProjects\entr1_041_project1\venv\Scripts\python.exe "C:\Users\91759\PycharmProjects\entr1_041_project1\Assignments\3_0
Enter weight (kg): 70
Enter your height (m): 1.75
Your BMI is 22.22
Normal
Process finished with exit code 0
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3. Conditional and Looping Statements.py > BodyMassIndex.py > MonthNames.py
# A certain cinema currently sells tickets for a full price of 6 pounds.
# but always sells tickets for half price to people who are less than 16 years old,
# and for a third of the price for people who are 65 years old or more.
# Input: Enter your age: 11
# Output: Your ticket costs: 3.00
# Input: Enter your age: 65
# Output: Your ticket costs: 2.00
# Input: Enter your age: 30
# Output: Your ticket costs: 6.00
# Write a Python program to receive 3 numbers from the user and print the greatest among them.
# Input: Enter first number: 10
# Input: Enter second number: 20
# Input: Enter third number: 30
# Output: 30 is the greatest number
Run
C:\Users\91759\PycharmProjects\entr1_041_project1\venv\Scripts\python.exe "C:\Users\91759\PycharmProjects\entr1_041_project1\Assignments\3_0
Enter your age: 11
Your ticket costs: 3.00
Process finished with exit code 0
```

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3. Conditional and Looping Statements.py > BodyMassIndex.py > MonthNames.py
# Write a Python program to receive 3 numbers from the user and print the greatest among them.
# Input: Enter first number: 10
# Input: Enter second number: 20
# Input: Enter third number: 30
# Output: 30 is the greatest number
Run
C:\Users\91759\PycharmProjects\entr1_041_project1\venv\Scripts\python.exe "C:\Users\91759\PycharmProjects\entr1_041_project1\Assignments\3_0
Enter first number: 10
Enter second number: 20
Enter third number: 30
30 is the greatest number
Process finished with exit code 0
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3. Conditional and Looping Statements.py > BodyMassIndex.py > MonthNames.py
# Find the factorial of a given number using loops (the number is received from the user)
# Input: Enter a number: 5
# Output: 120
# Write a program to reverse a number using while loop
# Input: Enter a number: 1234
# Output: 4321
Run
C:\Users\91759\PycharmProjects\entr1_041_project1\venv\Scripts\python.exe "C:\Users\91759\PycharmProjects\entr1_041_project1\Assignments\3_0
Enter a number: 5
120
Process finished with exit code 0
```

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3. Conditional and Looping Statements.py > BodyMassIndex.py > MonthNames.py
# Reverse a number using while loop
# Input: Enter a number: 1234
# Output: 4321
Run
C:\Users\91759\PycharmProjects\entr1_041_project1\venv\Scripts\python.exe "C:\Users\91759\PycharmProjects\entr1_041_project1\Assignments\3_0
Enter a number with 2 or more digits: 1234
Reversed number: 4321
Process finished with exit code 0
```

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3. Conditional and Looping Statements.py > BodyMassIndex.py > MonthNames.py
# Find the multiples of a number using loop
# Input: Enter a number: 12
# Output: The multiples of 12 are: 12 24 36 48 60 72 84 96 108 120
# Write a program to print the inputted value as it is and break the loop if the value is 'done'
# Input: Enter any word: done
Run
C:\Users\91759\PycharmProjects\entr1_041_project1\venv\Scripts\python.exe "C:\Users\91759\PycharmProjects\entr1_041_project1\Assignments\3_0
Enter a number: 12
The multiples of 12 are: 12 24 36 48 60 72 84 96 108 120
Process finished with exit code 0
```

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3. Conditional and Looping Statements.py > BodyMassIndex.py > MonthNames.py
# Write a program to print the inputted value as it is and break the loop if the value is 'done'
# Input: Enter any word: done
Run
C:\Users\91759\PycharmProjects\entr1_041_project1\venv\Scripts\python.exe "C:\Users\91759\PycharmProjects\entr1_041_project1\Assignments\3_0
Enter any word: done
Process finished with exit code 0
```

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3. Conditional and Looping Statements.py > BodyMassIndex.py > MonthNames.py
# Write a program that prints the numbers from 1 to 10. But for multiples of three print "Fizz" instead of the number and for the multiples of five print "Buzz".
# For numbers which are multiples of both three and five print "FizzBuzz".
# Input: 1
# Output: 1
# Input: 2
# Output: 2
# Input: 3
# Output: Fizz
# Input: 4
# Output: 4
# Input: 5
# Output: Buzz
# Input: 6
# Output: FizzBuzz
# Input: 7
# Output: 7
# Input: 8
# Output: 8
# Input: 9
# Output: Fizz
# Input: 10
# Output: Buzz
Run
C:\Users\91759\PycharmProjects\entr1_041_project1\venv\Scripts\python.exe "C:\Users\91759\PycharmProjects\entr1_041_project1\Assignments\3_0
1
2
Fizz
4
Buzz
FizzBuzz
7
8
Fizz
10
Process finished with exit code 0
```

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3. Conditional and Looping Statements.py > BodyMassIndex.py > MonthNames.py
# Write a program to print the following pattern:
# 1 2 3 4
# 2 3 4 5
# 3 4 5 6
# 4 5 6 7
# 5 6 7 8
# 6 7 8 9
# 7 8 9 10
# 8 9 10 11
# 9 10 11 12
# 10 11 12 13
# Input: 10
# Output: 10 11 12 13
Run
C:\Users\91759\PycharmProjects\entr1_041_project1\venv\Scripts\python.exe "C:\Users\91759\PycharmProjects\entr1_041_project1\Assignments\3_0
10 11 12 13
Process finished with exit code 0
```