



## QUESTION STYLES

Faculty of Applied Science  
Department of: Information Technology  
Course: Programming 1

**Q.** Choose the correct answer.

1. What is the output of this code? → `print("The result is", 2+5)`

A. The result is 25

**B. The result is 7**

C. The result is 2+5

D. No result, Error!

2. Which one is NOT correct about arithmetic operators in Python?

A. Multiplication is shown as \*

B. Division is shown as /

**C. Modulus is shown as //**

D. Exponentiation is shown as \*\*

**Q.** Write a program that converts a day into hours, minutes, and seconds. Allow the user to input the number of the day(s). Then the program calculates its equivalent hours, minutes, and seconds.

(Hint: 1 day = 24 hours, 1 hour = 60 minutes, 1 minute = 60 seconds)

```
days = int(input('Please enter number of days: '))

hours = days * 24
minutes = hours * 60
seconds = minutes * 60

print("The", days, "day(s) is equal to", hours, "hours", minutes, "minutes", seconds, "seconds")
```

**Q.** Write a program that asks the user to input a number and check if it is Even or Odd.

```
num = int(input('Enter a number: '))

if (num%2 == 0):
    print("The number is even!")
else:
    print("The number is odd!")
```



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Q. Write a program that will let the user enter his/her mark (integer), and print out its equivalent grade in letters, which are assigned based on the following schema.

Letter	Grade Equivalent Out of 100
AA	90-100
BA	85-89
BB	80-84
CB	75-79
CC	70-74
DC	60-69
DD	50-59
FD	40-49
FF	0-39

```
mark = int(input("Enter your mark: "))

if (90 <= mark <= 100):
    print("Your grade in letter is AA.")
elif (85 <= mark <=89):
    print("Your grade in letter is BA.")
elif (80 <= mark <=84):
    print("Your grade in letter is BB.")
elif (75 <= mark <=79):
    print("Your grade in letter is CB.")
elif (70 <= mark <=74):
    print("Your grade in letter is CC.")
elif (60 <= mark <=69):
    print("Your grade in letter is DC.")
elif (50 <= mark <=59):
    print("Your grade in letter is DD.")
elif (40 <= mark <=49):
    print("Your grade in letter is FD.")
else:
    print("Your grade in letter is FF.")
```

OR

```
mark = int(input("Enter your mark: "))

if (90 <= mark <= 100):
    print("Your grade in letter is AA.")
elif (mark >= 85):
    print("Your grade in letter is BA.")
elif (mark >= 80):
    print("Your grade in letter is BB.")
elif (mark >= 75):
    print("Your grade in letter is CB.")
elif (mark >= 70):
    print("Your grade in letter is CC.")
elif (mark >= 60):
    print("Your grade in letter is DC.")
elif (mark >= 50):
    print("Your grade in letter is DD.")
elif (mark >= 40):
    print("Your grade in letter is FD.")
else:
    print("Your grade in letter is FF.")
```