

## J&N Coding Club Assignment 4(Final Assignment)

### Question 1

- a) **Adopt this problem from the previous assignment and use a switch statement instead.**

Write a program that request a number from the user and checks if that number an even number or an odd number. Use the modulus (%) operator.

Print your results as follows

E.g. For number 5

- 5 is an odd number

For number 6

- 6 is an even number

- b) Write a program that request a week number from the user and prints out the weekday name

E.g. 2 for Tuesday, 3 Wednesday, 4 for Thursday and so on.

### Question 2

Write a program that reads a student's grade (A, B, C, D or E) and then displays the student's mark range, based on the table below.

Now write a program that reads a student's mark, and then display the student's grade, based on the table below.

E	0-19
D	20-39
C	40-49
B	50-74
A	75-100

### Question 3

Write a program that asks a user for an IQ score. If the score is a number less than 0 or greater than 200, issue an error message. Otherwise issue a message according to the following values:

Under 100                      Below average

100                              Average

Above 100                      Above average

### Question 4

Write a program that requests two integers from the user and the operation to be performed between these two integers.

*//No operation performed should produce a negative number*

*//The integers from the user should be non-zero and positive.*

Work with the following operations:

- Multiplication(\*)
- Division(/)
- Addition(+)
- Modulus (%)
- Subtraction(-)