

Coding Exercises! -

Lecture 32

⑧

- ① Create a method that prints multiplication table of a given number.
- ② Check if number is prime or not.
- ③ Calculate Area & Circumference of a circle. Write a method that takes radius as a parameter & prints area & circumference.
- ④ Create a method that takes a user's name as a parameter & prints a greeting message. [add a parameter for the time of the day to customize the greeting]
- ⑤ Create a method `calculatePrice(int quantity, double price, boolean isMember)` that calculates the total price based on quantity with a 15% discount if the customer is a member.
- ⑥ Create a method that takes user's age as a parameter & prints if he/she is eligible to vote or not. If age is greater than 18 then it should return true otherwise false.
- ⑦ Create 2 methods.

First method should be named `displayStudentGrade` that takes 2 parameters, one for a student's name and one for a student's grade.

This method should print a message like "Jenny got A grade."

Second Method should be named `calculateGrade` that takes one parameter score & it should return a grade between A and F based on the score value. as shown below: -

<u>Score</u>	<u>Grade</u>
90 - 100	A
80 - 89	B
70 - 79	C
60 - 69	D
less than 60	F

assume to input only valid score between 1 and 100

finally call both methods & display grade for following scores: -
100, 67, 60, 35.