C++ Functions Lab 'B', 'C' 28-12-2022 (Any four as part of Lab)

4	YAY :
1.	Write a menu-driven program that allows a user to enter three numbers and then choose
	between finding the smallest, largest, sum, or average. The menu and all the choices are to be
	functions . Use a switch statement to determine what action to take. Provide an error message if
	an invalid choice is entered.
2.	Write a program which will ask the user to enter his/her marks (out of 100). Define a function that
	will display grades according to the marks entered as below:
	Marks Grade
	91-100 S
	81-90 A
	71-80 B
	61-70 C
	51-60 D
	41-50 E
	<=40 Fail
	Raising a number to a power p is the same as multiplying n by itself p times. Code a function
I	called power that takes two arguments, a double value for n and an int value for p, and return the
	result as double value.
	Use <u>default argument</u> of 2 for p, so that if this argument is omitted the number will be squared.
	Write the main function that gets value from the user to test power function.
4.	Given 3-angles as parameters, Code a function to check whether they form a
	triangle or not (A+B+C =180). If yes check whether triangle is scalen, equilateral,
	isoceless or right angled triangle.
5.	Code a function that receives two numbers as an argument and display all prime numbers
	between these two numbers.
6.	Write a C++ program to accept a number and find sum of its individual digits repeatedly till the
	result is a single digit. For example, if the given number is 4687 the output should be 7. (use
I	
	function)
	function)
7.	Code to print the multiplication table as below for number 1 to 5.
7.	Code to print the multiplication table as below for number 1 to 5. Print the <u>numbers in words till 20 only</u> , after that print the numbers only. (Use function)
7.	Code to print the multiplication table as below for number 1 to 5. Print the <u>numbers in words till 20 only</u> , <u>after that print the numbers only</u> . (Use function) One ones are one
7.	Code to print the multiplication table as below for number 1 to 5. Print the <u>numbers in words till 20 only</u> , after that print the numbers only. (Use function)
7.	Code to print the multiplication table as below for number 1 to 5. Print the <u>numbers in words till 20 only</u> , after that print the numbers only. (Use function) One ones are one
7.	Code to print the multiplication table as below for number 1 to 5. Print the <u>numbers in words till 20 only</u> , after that print the numbers only. (Use function) One ones are one One twos are two
7.	Code to print the multiplication table as below for number 1 to 5. Print the <u>numbers in words till 20 only</u> , after that print the numbers only. (Use function) One ones are one
7.	Code to print the multiplication table as below for number 1 to 5. Print the numbers in words till 20 only, after that print the numbers only. (Use function) One ones are one One twos are two Two sixs are twelve
7.	Code to print the multiplication table as below for number 1 to 5. Print the <u>numbers in words till 20 only</u> , after that print the numbers only. (Use function) One ones are one One twos are two Two sixs are twelve
7.	Code to print the multiplication table as below for number 1 to 5. Print the numbers in words till 20 only, after that print the numbers only. (Use function) One ones are one One twos are two Two sixs are twelve Two tens are twenty
7.	Code to print the multiplication table as below for number 1 to 5. Print the numbers in words till 20 only, after that print the numbers only. (Use function) One ones are one One twos are two Two sixs are twelve Two tens are twenty Three sevens are 21
7.	Code to print the multiplication table as below for number 1 to 5. Print the numbers in words till 20 only, after that print the numbers only. (Use function) One ones are one One twos are two Two sixs are twelve Two tens are twenty
7.	Code to print the multiplication table as below for number 1 to 5. Print the numbers in words till 20 only, after that print the numbers only. (Use function) One ones are one One twos are two Two sixs are twelve Two tens are twenty Three sevens are 21 Three eights are 24
7.	Code to print the multiplication table as below for number 1 to 5. Print the numbers in words till 20 only, after that print the numbers only. (Use function) One ones are one One twos are two Two sixs are twelve Two tens are twenty Three sevens are 21 Three eights are 24
7.	Code to print the multiplication table as below for number 1 to 5. Print the numbers in words till 20 only, after that print the numbers only. (Use function) One ones are one One twos are two Two sixs are twelve Two tens are twenty Three sevens are 21 Three eights are 24 Five tens are 50.
7.	Code to print the multiplication table as below for number 1 to 5. Print the numbers in words till 20 only, after that print the numbers only. (Use function) One ones are one One twos are two Two sixs are twelve Two tens are twenty Three sevens are 21 Three eights are 24