

## Assignment 2

1. WAP to check numbers are divisible by 4 and 5  
Print those numbers

**Input1:** num1 =20

**Output:**

20 is divisible by 4 and 5

**Input1:** num1 =15

**Output:**

15 is not divisible by 4 and 5

2. WAP to determine whether entered angles define a right-angled triangle.  
Take three values of angle from the user.

**Input1:** angel1 = 90

**Input2:** angle2 = 90

**Input3:** angle3 = 90

**Output:**

It is not a right-angle triangle

**Input1:** angel1 = 90

**Input2:** angle2 = 60

**Input3:** angle3 = 30

**Output:**

It is a right-angle triangle

3. Take two numbers from users and print the sum of those numbers  
if the sum is even.

**Input1:** num1 = 10

**Input2:** num2 = 20

**Output:** 30 is Even

**Input1:** num1 = 10  
**Input2:** num2 = 15  
**Output:** No Output

4. Take a number from the user and check whether it is present in the list. If it's in the list, print "Available."

List1 = [10, 20, 30, 40, 50]

**#input:** num = 10  
**#Output:** available

**#input** num = 15  
**#Output:**No Output

5. Print the "Core2web" string a number of times entered by the user if the number is even.

**#Input:** num = 2  
**#Output:** Core2web  
Core2web

**#Input:** num = 5  
**#Output:** No Output

6. Write a program that checks if a given number is odd using the "if" statement.

**#Input** num = 13  
**#Output:** Odd

**#Input:** num = 12  
**#Output:** No Output

7. Take two numbers from the user, check if both are odd and then print the sum of the numbers.

**#Input:** num1 = 10

**#Input:** num2 = 11

**#Output:** 21

**#Input:** num1 = 10

**#Input:** num2 = 6

**#Output:** No Output

8. Take single character from user check if the ascii value of character is Even then print character.

**#Input** char1 = 'B'

**#Output:** B

**#Input** char1 = 'C'

**#Output:** No Output

9. Take Two character from user check if the ascii value both of character are odd then print the sum of ascii values of character

**#Input:** char1 = 'A'

char2 = 'C'

**#Output:** 132

**#Input:** char1 = 'a'

char2 = 'b'

**#Output:**No Output

10. Take the number from user and modulus with 8 if the remainder of the number is 3 then print reminder.

**#Input** num = 27

**#Output:** 3

**#Input:** num = 10

**#Output:** No Output