1. Write a program to take two integer inputs (say A and B) and print the result of the following operations:

1.Addition 2. Subtraction 3.Multiplication

Input1: Input2:

4 2

3 5

Output1:

7 7

1 -3

12 10

1. You are given two strings as input. Write a program to print the given two strings in reverse order separated by “---“.

Input1: Input2:

Apple Car

Banana Bike

Output1: Output2:

Banana Bike

- - - - - -

Apple Car

1. Write a program that prints the second half of the given input string. You can assume that the length of the input string will always be an even number.

Input1: messages Input2: time

Output1:ages Output2:me

1. Given N number of days as input, write a program to convert N number of days to years (Y), weeks (W) and days (D).

Ex: N = 1329

1329 = 3 years + 33 weeks + 3 days

Input1: 1329 Input2:0

Output1: output2:

3 0

33 0

3 0

1. In a town, the percentage of men is 52 and the rest are women (W). The total population(T) of town is given as input. Write a program to print the total number of women in the town.

Input1: 80000 Input2: 100000

Output1: 38400 output2: 48000

1. of input and print True if the length of the password is greater than 7.

Input1: passwd Input2: 1q2w3e4r

Output1: False output2: True

1. Write a program to read a single line of input, which is an integer and print Tru if the integer is between 25 and 75.

Input1:20 Input2:45

Output1:False Output2: True

1. Write a program that reads the student marks as input and print PASS if the student has scored more than 50, in all other cases print FAIL.
2. Given a student has scored M marks in Maths, p marks in Physics and C marks in Chemistry. Write a program to check if a student is eligible for admission in a professional course. If any one of the below condition is satisfied, then the student is eligible.
3. M >= 70 and P >= 60 and C >= 60
4. M + P + C >= 180

Input1: Input2:

0 30

100 40

100 65

Output1: output2:

True False

1. Write a program to print the greatest among the two numbers.
2. Write a program to check if the given two numbers are equal.
3. Write a program to find if the given number is positive, negative or zero.
4. A person is eligible to vote if his/her age is at least 18 years. Write a program that checks if a person is eligible to vote based on the person’s age.
5. Given two integers they are considered a lucky pair if any one of them is 6 or if their sum or difference is equal to 6.

Input1: Input2:

6 3

1 2

Output: Output:

Lucky Not Lucky

1. Write a program to check if the given number is even or odd.
2. You are given two integers a and b. Print the smallest value among a%b and b%a.
3. Write a program to find the grade of the student who scored marks.

a.If the given marks are greater than 85, print A.

b. if the given marks are greater than 70 and less than or equal to 85, print B

c. if the given marks are greater than or equal to 60 and less than or equal to 70, print C.

d. if the given marks are less than 60, print F.

Input1: 70.5 Input2: 90

Output1: B Output2:A

1. Write a program to print a greeting message based on the given time.
2. If the time is greater than or equal to 4 and less than 12, print Good Morning
3. If the time is greater than or equal to 12 and less than 16, print Good Afternoon
4. If the time is greater than or equal to 16 and less than 20, print Good Evening
5. If the time is greater than or equal to 20 and less than 4, print Good Night

Input1: 9 Input2: 14

Output1: Good Morning Output2: Good Afternoon

1. Given two integers A and B, Write a program to print the relation between the two numbers

a.If A is equal to B,print A == B

b. if A is greater than B, Print A > B

c. If A is less than B, print A < B

1. Write a program to create a menu driven calculator that performs basic arithmetic operations (+,-,\*,/,and %)

Input1: Input2:

+ \*

3 2

5 5

Output: output2:

8 10

1. Given an integer between 0 and 10000, write a program to print the sum of its digits.

Input1: 25 Input2: 692 Input3:9999

Output1: 7 Output2: 17 output3: 36

1. Write a program to find the weekday based on given number using the Switch statement

Print Invalid Number if the given number is not in the range from 1 to 7.

1. Write a program to find the number of days in the given month using the switch statement

If the given number is February, print 28

If the given month is either April,June,September, or November, print 30

If the given month is either January,March,may,July,August,October, or December, print 31.

Input1: September

Output1: 30

1. Write a program to find whether the given letter is a vowel or consonant letter using the switch statement.

If the letter is a vowel, print Vowel

If the letter is a consonant, print Consonant

If the given letter is not an alphabet, print Not an Alphabet.

1. Write a program to find the shape based on the given number of sides using the switch statement.
2. If the given number of sides is 3, print Triangle
3. If the given number of sides is 4,print Quadrilateral
4. If the given number of sides is 5, print Pentagon
5. If the given number of sides is 6,print Hexagon
6. If the given number of sides is greater than 6, print Polygon