

$$(682)_{10} \Rightarrow 600 + 80 + 2$$

$$1000 \times \quad \quad \quad 100 \times 6 \quad \quad \quad 10 \times 8 \quad \quad \quad 1 \times 2$$

$$\quad \quad \quad \times 10 \quad \quad \quad \times 10 \quad \quad \quad \times 10$$

$$(6145)_{10} \Rightarrow 6000 + 100 + 40 + 5$$

$$10^4 \times 6 \quad 10^2 \times 1 \quad 10^1 \times 4 \quad 10^0 \times 5$$

$$1000 \times 6 \quad 100 \times 1 \quad 10 \times 4 \quad 1 \times 5$$

$$\times 10 \quad \times 10 \quad \times 10 \quad \times 10$$

$$6295 \rightarrow 5926$$

$$6 \times 1000 + 2 \times 100 + 9 \times 10 + 5 \times 1$$

$$5 \times 1000 + 9 \times 100 + 2 \times 10 + 6 \times 1$$

$$\text{num} = 62895 \quad [n/p: 10]$$

$$62895$$

$$\downarrow / 10$$

$$6289$$

$$\downarrow / 10$$

$$628$$

$$\downarrow / 10$$

$$62$$

$$\downarrow / 10$$

$$6$$

$$\rightarrow 0$$

$$5 + 9 \Rightarrow 14 + 8$$

$$\downarrow$$

$$22 + 2$$

$$\downarrow$$

$$24 + 6$$

$$\downarrow$$

$$30$$

$$\text{num} = 329 \quad [n/p: 10]$$

$$329$$

$$\downarrow / 10$$

$$32$$

$$\downarrow / 10$$

$$3$$

$$\downarrow / 10$$

$$0$$

$$10 \times 329 \Rightarrow 3290$$

$$329 / 10 \Rightarrow 32$$

$$9 + 2$$

$$\downarrow$$

$$11 + 9 \Rightarrow 20$$

Q. Write a program to accept a no. and find the sum of the no. and sum of its digits.

i/p: num.

num = 8239

o/p: 9325

[n/p: 10]

Q. Write a program to print the sum of all the odd nos. between 1-100.

1
to
100

1
3
5
7
9
 $\Rightarrow 25$

Q i/p: n1=50 n2=100

52
53
55
57
:
99
sum