

\* while inputting any data type of data has to be taken care of for ex Numbers are enter without any Quotation, character data with Quotation, date with braces and logical data with terminal (असल पिंड DOT)

### Inputting character

Name = space (20)

Input "Enter" to name

Enter "RAM"

### Inputting Date

A Date = \$ 07/04/2020

Input "Date" to A Date

Date \$ 08/11/2019

### Inputting logical data

Present = y.

Input "y or N" to present

y or N . N.

### Syntax of Input

Input "message", to variable name.

add first → Push  
del first → Pop

Wap to Create Stack using linked list. it has only two function addfirst and delfirst.

```
#include <stdio.h>
#include <conio.h>
#include <malloc.h>
struct stack
{
    int roll;
    struct stack * next;
};

int main()
{
    void Push(struct stack ** TOP);
    void Pop(struct stack ** TOP);
    struct stack * TOP;
    TOP = NULL;
    Push(&TOP);
    Push(&TOP);
    Pop(&TOP);
    Pop(&TOP);
    getch();
    return 0;
}
```

Q: Write a program add and print.

```

:-
clear
close all
a = 0
b = 0
Input "Enter a", to a
Input "Enter b", to b
c = a + b
? "Sum = ", c
    
```

Ques. Write a program marks in three subject then print total, average and percentage marks.

```

:-
clear
close all
M = 0
H = 0
E = 0
Input "Enter M", to M
Input "Enter H", to H
Input "Enter E", to E
    
```

```

T = M + H + E
? "T = ", T
A = T / 3
? "A = ", A
P = (T / 300) * 100
    
```

REDMI NOTE 7 PRO AI DUAL CAMERA P = ", P

Q: Write a program add and print.

```

:-
clear
close all
a = 0
b = 0
Input "Enter a", to a
Input "Enter b", to b
c = a + b
? "Sum = ", c
    
```

Ques. Write a program marks in three subject then print total, average and percentage marks.

```

:-
clear
close all
M = 0
H = 0
E = 0
Input "Enter M", to M
Input "Enter H", to H
Input "Enter E", to E
    
```

```

T = M + H + E
? "T = ", T
A = T / 3
? "A = ", A
P = (T / 300) * 100
    
```

REDMI NOTE 7 PRO AI DUAL CAMERA P = ", P

Ques. Write a program to input base and height of a right angle triangle then prints it are?

```

:-      clear
        close all
        b = 0
        h = 0
        Input "Enter b", to b
        Input "Enter h", to h
        Area = 1/2 * b * h
        ? "Area = ", Area
    
```

Ques. Calculate area and a perimeter of rectangle.

```

:-      clear
        close all
        l = 0
        b = 0
        Input "Enter l", to l
        Input "Enter b", to b
        A = l * b
        P = 2 * (l + b)
        ? "Area = ", A
        ? "Perimeter = ", P
    
```



Q. Write a program to input distance in K.M then print in meter, C.m, inch or fit.

```

clear
close all
d = 0
Input "Enter d", to d

m = d * 1000
cm = m * 100
inch = cm / 2.54
fit = inch / 12

```

? "d in km is ", d, " km"

? "d in m is ", m, " m"

? "d in cm is ", cm, " cm"

? "d in inch is ", Inch, " Inch"

? "d in fit is ", fit, " fit"

Ques. App to print bill of item giving 10% Discount on total.

```

clear
close all
D = 0
R = 0
Input "Enter D", to D
Input "Enter R", to R
B = D * R
D = B * 10/100

```

Amount Pay Bill =  $B - D$

? "Bill = ", B

? "Amount Pay Bill = ", Amount Pay Bill

Ques. To app to input temperature in Centigrade then print in farenhit.

:-

clear

close all

cg = 0

Input "Enter cg", to cg

$Fh = (9 * cg) / 5 + 32$

? "Temperature in cg is", cg

? "Temperature in fh is", fh

NOTES:-

$$\frac{C * 9}{5} = \frac{F - 32}{9}$$

Ques. Input basic salary of a person he gets 50% DA (Dearness allowance) 15% HRA (House rate allowance) he pay 10% T-T etc Calculate his net salary.

:-

clear

close all

BS = 0

Input "Enter BS", BS

$DA = BS * 50/100$

$HRA = BS * 15/100$

$TS = BS + DA + HRA$



Q. Write a program to calculate area of a circle?

$r = 3.5$ $Area = 3.14 * r * r$ ? "Area is", Area	Not a useful Program
---	----------------------

$r = 0$ Input "Enter r" to r $Area = 3.14 * r * r$ ? "Area is", Area	This is a useful program
---	--------------------------

Forpro will ask to enter the value of r whenever we want to run the program.

Q. Write a program to print area of rectangle.

∴

$l = 0$ $b = 0$ Input "Enter l" to l Input "Enter b" to b $Area = l * b$ ? "Area is", Area
---

★ Input Commands can input four types of data into variables:— Number, character, date and logical