Lecture - 13

Total of Cantol

if-else Ladder: Multiple if-else Statement Syntax if (Condition 1) { Body of 9f else if ((andition 2)} body of else if else if (Condition 3) { Body of else if else if (andition n) { Lody of else it

Body of else Ez: mogram, age A> age > 18 B> age = = 18 c> age < 18 you can drive Allby for Not eligible Ex: mogram, age A> age > 18 B> age = = 18 \Rightarrow age < 18 you can drive Althy for license # indude < stdio. h > int main () { int age; printf ("Enter your age:"); 1 camf ("%d", & age);

```
if (age > 18) {
 printf ("You can Daire");
 else if (age < 18)?
   printf ("Not eligible")
  else &
printf ("Apply for learning licence")
return o;
```

```
Write a program to print the grade of a student by taking the % as input according to the
                              ( perc > = 90)}
                                 ; ("A") thing
90> 2>80
80>%>70
                            else if ( Penc >= 80 && Penc < 90) {
70>%>60
                                 print f ("B");
  # include <stdio.h>
                            else if ( perc >= 70 && perc <80){
  int main () &
                                   print ("C");
    float perc;
                            else if ( perc >=60 && perc <70) {
    printf ("Enter Percentage:");
```

return 0;

Nested if-else:

```
if (Condition) &
    if (nested Godition) {
       if (Condition) &
             if (Condition n) {
```

Write a program to check the largest of three humbers (using ivested Gaditionals); a>6 # include < Ntdio. h> else ? int main () & lif (p>c) { int a=10, b=20, C=5; brintf ("B is greater"); if (a > b) { if (a>c) { else { printf ("A is greater"); brisht (" C is growter"); else & brint f ("C is greater"); retim 0

→ a>c → (A)

5>c→®

Groto Stevement: La also Called as Jump Starkment # include <statio.h> main () { int a = 10; bint ("Helloh"); rif(a == 10){ True (1) goto LABEL; __ print (" good Morning /n") print (" Jump");

print (" H;");

- LABEL: printf (" Amide Jobel"); neturn 0;

a= 10

Inside Label

Hello

```
Case Statement:
                      . Value
switch (expression)
             (Constant Value):
      Case
                                        जीव
               11 Code
                             terminate the switch
             (cnother Value).
      Case
                  lode
                 break; A
       (ase
               11 Coda
               break
                       offinal
               11 Code
```

Write a foregram to take value 2, 8, 10, 16, then print the number System # include </shain. h> int main () { int base: printf ("Enter the base: \n"); Scarf ("2d", & base); Switch (base) { Care 2: print f ("Binary Number System");

terminate

break;

Case 4 printf (" Octal Number System"); preak; (one 10: brintf ("Decimal Number System");
broak; default print ("moralid Choice")