```
18-05-24
-7 main ()
                                                                                                                                                                                                                             0/0:-
                                                                                                          explored in the state of the st
           1 inti, i;
                       char x= 'A';
                         for (i=1;i2=5; i++, fruntf ("1m"), x++)
                                 for là=1; i = 1; i++)
                                           printf ("1.c", x); It is a company
    -> main ()
                                                                                                                                                                                                                      0/0 :-
          1 int 1, 5;
                     Union x = 'A'
                         for (i=1;i=5;i++, fruit ("1m"))
                                                                                                                                                                                                                                     644
                                                                                                                                                                                                                                                   KLMNO
                              for (i=1; i'=1; i++, x++)
                                       printy ("1, c", x);
         7 main ().
                  int 1, 3;
                                                                                                                                     STOLENS STOLENS A BIC
                         thur x = A!
                            for (i=1; i == s) i++, printf ("1 m"))
                                                                                                                                                                                                                         ABCDE
                                     for (x=A), j=1; j2=1; j++, x++)
                                   frint ("'/ c", x);
                                                                                                                   -> int 1, i;
                                                                                                                                  for ( = 1) 1 = 5, 1++, frientf-("(m"))
                                                                                                                                   An(3=1; 3 (=1; 3++)
                                                                                                                                    foundf ("1.031,1):
```

```
-> main ()
  int 1, 5;
   for (i=1; i <= 5; i++, printf("\m"))
  { for ( i=1; i = 6+1; i++)
      fruit (" ");
        for (i=1; ik=1; i++)
          printly ("* ");
PASCAL (RIANGLE!
-> main ()
    int i, i, b, m;
    fruitly (" enter in ");
     Scanf ("7.0", & m);
     for (i=0); (z=m; i++, printf("(m"))
       for (i=0; iz=m+1-1; i++)
       brindf (" ")
         for ( 5 = 0 ) 14=1 , 5++ )
          A (J==0)
                                  1 5 10 10 5 1
           b =1)
     b=b*(1-j+1)/j/
          fount ("1.d",b);
```

```
HALLOW DIAMOND STAR PATTERN:
2 muin ()
    int 1, 1, m;
    printf ("enter m: ");
     scanf ("1-d", dm); > (1 Total half Look
     for (i=0; i <= m; i++) 1/ iterate rows
        for (i=0; i <= 2* m+1; i++) 11 iterate columns
           if ((m-izi) & & (i< m+1+i)) 2/ spaces are pointed within
                                     the boundaries of diamond shape.
           printf (" ");
                                    upper half 4 riddle now of the
                                      diamond
           printf (" * ");
        printly (" (m")"
                    11 Bottom halflook
       for (i=0', i<=m', i++) // iterate rouse
         for (j=0; j = 2 * n+1; j++) Witerate columns
            if ((i(i) & k (i < 2 * m + 1 - i)) // Shares are printed
             printf (" ");
                                    diamond shapl . Lower half
                                       of the diamond
             fount ("*");
          printf ("(m");
```

HOLLOW DIAMOND PATTERN ANY CHARACTERS -> main () int i, i, m; Chur ch; fount ("Enter any character: "); scanf ("1.c", kch); frintly ("enter in; "); darle scanf (" 1.d", &m); for (i = 0; i <= m; i++) 407 (J=0; j <= 2 m+1; j++) if ((m-i2)) + (j2m+1+i)) fring (" "); fruit ("1.c", ch); fruitly (" (m") for (i = 0 (i (= m; 1++) for (3=0; j <= 2* m+1; j++) 4 (lixi) 4 (lixi) 4 (1 <2 m+1-1)) fount (" "); fruit ("1.c", ch); fountf (" (m");

```
-> main ()
   int i, s, m, mum = 1;
   printly ("Enter mu of rows: ");
   scanf (" 1. d", & m);
    for (i=1) iz=m; i++)
     1 107 (5=1) 52=1;++3)
           frist ("1.d", mum);
        fount (" (m");
 DIAMOND PATTERN FOR ANY CHARACTER =>
  > muin ()
     1 int 1, 3, k;
       that this
       wintf ("Enter any character: ");
       scanf (" /d c", 4 ch);
         frish (" Enter no of roms: ");
        scanf ["7. d", di);
        for (x=1; k <= 1; k ++)
         [ for (i=1; i=i-k; i++)
             frintf (" ");
             for ( i=1; i <=2* k-1; i++)
              fruit ("1.c", ch);
             print ("(m");
```

```
0/p:
Enter no of hows: 4

2 3

4 5 6

7 8 9 10

For 1-10.0

hows: 14
```

for(x=1; k(=i-1; k++)

{

for(j=1; j2=k; j++)

for(j=1; j2=2*(i-k)-1; j++)

frintf ("1, c"; ch);

frintf ("1, c"; ch);

}

0/p; -

Enter any character; \$