=	#6. Accay's
	linear collection of data (some type) that are stored together in contiguous momorry space
-	x[6]=20 1,01 //wrong . d 5 +0.
-	ind main()
-	int main ()
-	int a, x[5],b,
	a=6;
	b=6; ×[6]=20
360906	x(s)=20; x[6]=20
Yoliv	pzintf ("-1.d -1.d '1.d", a,b,x[5]);
-	OIP => 6 6 20 OIP = 5 20 O
	glabal vaziable palaged by a
	memory allocation on stability losses
_	5 1.120 5 5 51,000
_	short int b[s] - 5x1 bytes = 100 bytes
	ima long int (6) + 5×8 64765 1 40 0475
1	long int d[5] - SX4 bytes = 120 bytes
	int a;
	a=10; — becimal octal
	a = 0x10; — Herra decimal
	a = 'A'; — 64mbol
	a = -5; — negative
	a = obilo11010 - binazy

```
Page No.
    Symbol is allocates only chack and to
    Due to ASCII - 0 -127 10 sado
      External ASCII -> 128 - 25 50 d ports
ex; chaz a;
                   ASCII code memory!
                                a = 65
   a = 'A'
                    A = 65
                    print ("1d",a);
                                memory
   GIP = > 65
                          0001 DE: -(8)d]
                         (ari) 1- Palaisa
    ex:
                          a[2] | E -
        char a [4];
        a[0]='6';
                          a[3]
                                N-
        a [i] : 'C'
        a[2] : 'G';
        a [3] = 'N'
        prints ("1.0-1-0-10-10-10", a(0),a(1),a(2), a(3));
     · char acuj= {'E',c', 'E', 'N'};
     - char a[4] = "ECEN"
   ) print("-1.5", &a[0]);
   String: Group of character's End's with O.
```

```
Page No.
                                    Date
    int main (). The plan colored as lider
     chaz of ] = "ECEN Welcomes TYOU";
     dar b[9]; i; en en corre
  for ( i=0; i(8; i+1)
       b[i] = a[s+i]; (0 b) 7/01
       3
                                00 4- 9
      6[8] = 30;
      paint ("15" , b);
          3 [0] a ( 12) n such
                          i i de Colo 3
                            2 15/3 CIJO
                            (13) [13]
                            (d. [9] b
partition (170 (0) 0 10 10 (0) 0 (0) 0 (1) of 1) of 1
            1 flux, 3', 5', 5', 6', 6', 10')
                     char ala) : "ECEN"
                    ((0)07 /21-1)1+non
```

```
session - 67
                          Date:
    Array's opting's
 steing: [ always End with 0]
 group of character's
              Welcome - eg
char a [10];
scanf ("15", a) -, 4a, a [0], 9 (0)
 painte ("1.c. c/c", aco], aco], aco])
of > Wel son site there
                   memory
Holor trouble design and the
ex!
    char i,
     char al] = "Hey".
      char b[] = "Harsh"; a(4) 9
      i=0
                        6[0]
      while (b[i] 1=0)
     a[i]=b[i];
i++;
                           H
                        6C57 0
Program to count char
int count;
char acj = "welcome Harshal".
count =0;
while (a[count] !=0)
 count++:
```

	Date:
_	pagaan to reverse Array:
	The second of th
	int a,b, count;
	b o [20]; a [20];
	ω(20),
	for (i=0; is count; i+t)
	1
	b[i]= a[count-i-1]
	?
-	program to paint last that of string
	char all = "welcome to Home"
	while (a [i] 1=0)
	\$
	$\lambda = \lambda + 1 \lambda + 1$
	3
	paint ('-1-c', a(i-1));
	Symbol