1. WAP to accept a number and display all the digits from left to right without revening the Ey - 1231 2. Vote to accept a number and display the prime decomposition of the number 75 → 3×5×5

Void main (int num) { int d, count = 0, copy = nem ; While (copy) 0)
{ count+1;
2 cm /= 10; 1234)-/- 1mo While (count) 0)

{ d= menn / lint) Math. 12m (10, count-1). nom = nem /. (int) Math. par (10, cant-1); count - - ;

 $i \rightarrow 2, 3, 4, 5, 6, 7$ Voil main (int num) for (i= 2; i \= num; i+f) if (num /_i == 0.) 2 5.0 print (i), nom = nem / i;

18.09 i) was to accept a number and swap the 1st and last disit and display the number eg. $\rightarrow 1(23)4 \rightarrow 4231$ 2) war to accept a number and check the number is odd or even without using 1. and / and if. 3) WAP to find the quotient and remainder of a division without uning 1. and 1 4. WAP to accept a number and arrange the disits in decending order and the number 5629 => 9652 display 5) WAP to Convert a Binery number to decimal nom ber 110 1727 1721 + 0720 184, 392 Triad muhr. J92, 384, 5.76 K Kx2 Kx3

(1)23 (9). d2 = d1 Corry: nem void main (int nem) int cnent = 0, d1, d2, d2 = com//10; 4 * | 000 + | 231. while (nom) 0)

{ \d1 - cerry 1/-10 2 count ++; com/=10; noumen = d2+ (int) Math.
frus ('cint_1) + noumen; int nevnem = nem /10; 35-0, p(nevnem); nevnem = nevnem -/. (int) Meth. pm (40, count -2); nevnem = nevnem x 10+d1 6,2 que = 1, m= = 4 que = 2 pm = 2 quo = 3 m 1

Void main (in f ner) 1 inti, d, nomen = 0, com, for (i= q; i)=0; i--) { copy - nem; 5.0 mint (nemm). surhile (com >0) { d= com y.10; i+(d=i)3 com/=10;

```
void main (int nem)

int i

for (i= nem; i)=20; i-=2)
   \leq .0 p ( \dot{z} = = 0 ? "cven": "odd");
```

1) trap to display all the two dist number without repetition which has the following properties $(21) \leftarrow 141$ accept a number and check the number is circular prime or not. Example: 3132 -> mind 133 <u>–</u> mime. 331

do --- while LOUP. 5-1n + ax : 3 while (condition); 3 while (n)0);

Li link (*) exit com hol (vop spreture Which mean there is no to expremien to enter in the last and the condition is given at the exit

Everytime there will be at least one iteration int n=0do $\{$ S.op(n); $\}$ While (n>0) $\}$ While (n>0); Convert the following to while , for int n=10; do { n = n-2; S-0 P (n+2); while $(n)_3$;

f(n=10; n)3;int n = 10; "Lite (n)3) n=n-2h=n-2; 5.0 P (n) j WAP to display all the whether a num ber is triangular nember er not. 1+2+3

10 -> 1+2+3+4

Distrepto display au the two disits triangular

3) trap to accept a number and check whether it is found in fibracci series or not.