

2. Reverse a number and check if it is palindrome or not 123  $\frac{1}{2}$  not  $\frac{1}{2}$  not  $\frac{1}{2}$  nonder =)  $\frac{5}{4}$   $\frac{4}{5}$  palinder one  $\frac{1}{3}$   $\frac{1}{2}$   $\frac{1}{2}$  num (1.10 =) last digit num 10 =) remaining (12) quotient num=121, original=num, revased to, 10 121 num=121, original=num, revased to, 10 101 em;

while I remainded (%)

o; while (num!=0) \$ nem = num /2/0; nevers cd = neversex 10+ nem; 121 (1234 =) 4 num = num lio; 1234 4321 ron=191\*10 + stem =) 0+10 +1 =) 0+10 +1 Yer= 0+1 num=) 12 if(original = = neversed) { Palidro ne. 1) 12 !=0 / nem = 2 new = 1. × 10 + 2 ? Not Palind Home. =) 10+2=)12 nem = D last T num =) 1. 1) 11:20/ Tev = 9. Men = 13+10.+1 = 120+1-5121 0 + 1 =) 1 num = 0 :52 3) 01:0 × (12) 1410 10+2=)12 124 12+10=)120+8

~> 121 //

## 3. Find the sum of digits of a number

## Homework: WAP to print product of digits of a given number

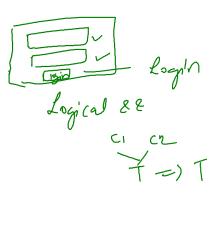
## 4. WAP to print sum of all even digits of a given number

$$8468$$
 $2+4=6$ 
 $84648$ 
 $134$ 
 $135=0$ 
 $135=0$ 
 $135=0$ 

## 5.WAP to print reverse of a given number

(pohrdu and)

6.Create login system (with password check)



7. Write program to simulate traffic light colors

gwitch V

8. Use of break and continue with loop conditions

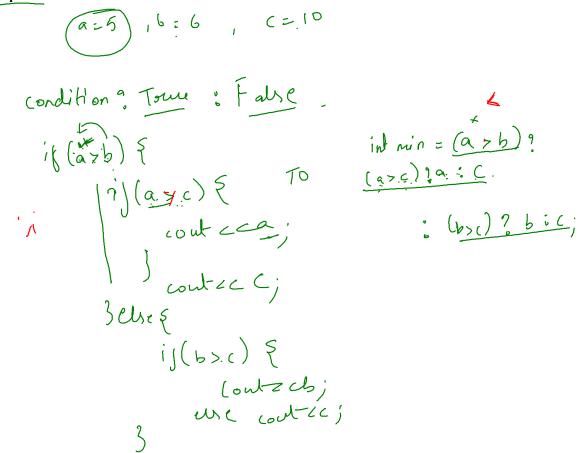
9. Check armstrong number (1. 1) 5 However 1

origin num = 
$$153$$
 $(+125+27=)153$ 
 $(-153)$ 
 $(-153)$ 
 $(-153)$ 
 $(-153)$ 
 $(-153)$ 
 $(-153)$ 

1 2 1 1 + 8 + 1 = 10 X

3

10. Use ternary operator to find minimum and maximum of three numbers.



11. Count number of digits

simber of digits

$$n = 123 = 3$$
 $n = 80467 = 3$ 
 $sou(67 = 3)$ 
 $sou(6)$ 
 $sou(6)$ 

12. Print Factorial of a given number

$$3! \Rightarrow 3 \times 2 \times 1 \Rightarrow 6$$
 $5! \Rightarrow 5 \times 4 \times 3 \times 2 \times 1 \Rightarrow 120 \Rightarrow 1 \times 2 \times 3 \times 4 \times 5$ 
:
 $0! \Rightarrow 0 \times (n-1) \times (n-2) \times \dots \times 3 \times 2 \times 1$ 

$$5! \Rightarrow 5 \times 4 \times 3 \times 2 \times 1 \Rightarrow 120 \Rightarrow 1 \times 2 \times 3 \times 4 \times 5$$
:
 $(n! \Rightarrow 0) \times (n-1) \times (n-2) \times \dots \times 3 \times 2 \times 1$ 

$$(n-2) \times (n-1) \times (n-1) \times (n-2) \times \dots \times 3 \times 2 \times 1$$

Homework: Print the factorial of first n elements

13. WAP to print all the ASCII values and their equivalent characters of 26 alphabets

trail the ASCII values and their equivalent characters of 26 apphabets

$$65 - 90$$
 (capital celter  $(A - Z)$ )

 $97 - 122$  (low crease  $(A - Z)$ )

 $65. -> A$ 
 $66 -> B$ 
 $70 -> Z$ 
 $122 -> Z$ 
 $122 -> Z$ 
 $13(A)$ 

Homework: Check whether number is prime or not