```c
// Example Of While
// Input an int no. WAP that check whether the no. is palindrome or not.
// If orig. no. = reve. no
// 121 = 121 Palindrome
// 123 = 321 Not Palindrome
void main()
{
    int n, r, s=0, l;
    clrscr();
    printf("Enter a no:");
    scanf("%d",&n);
    l = n;
    while(n>0)
    {
        r = n % 10;
        s = s * 10 + r;
        n = n / 10;
    }
    if(s==l)
        printf("\n %d is palidrome",l);
    else
        printf("\n %d is not palidrome",l);
    getch();
}
/*
    s=s*10+r    n       r
    0           528     8
    0*10+8=8    52      2
    8*10+2=82   5       5
    82*10+5=825 0
*/
// Input an int no. WAP that check whether the no. is armstrong or not
/*
    153 = 1^3 + 5^3 + 3^3 = 1 + 125 + 27 = 153
    125 = 1^3 + 2^3 + 5^3 = 1 + 8 + 125 =
*/

// Input an int no. WAP that check whether the no. is murphy or not
/*
    If trailing digit of the square of the no. = orig. no. Murphy
      5   5^2
     25
    625
     15
    225
*/
```